

Newton College of the Sacred Heart

1966/1967

Exit 17

Massachusetts Turnpike

Newton
College
of the
Sacred Heart

885
Street

Commonwealth

Avenue

Centre

Boston →

Route 9

Route 9

Worcester Turnpike

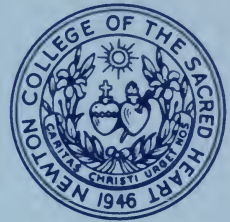
Needham Street

Route 128

Route 128



Newton College
of the
Sacred Heart
1966/1967



Freshman Profile

CLASS OF 1970

Enrollment:

Resident students	215
Day students	17

Secondary schools represented:

Independent schools	157
Public schools	46

Geographical distribution:

Massachusetts	50
Connecticut	28
New Jersey	25
New York	56
Other states (18)	67
Foreign countries	6

Rank in senior class:

Highest quintile	58.4%
Second quintile	25.6%
Third quintile	14.3%
Fourth quintile	1.7%
Fifth quintile	None

Academic offerings:

Mean CEEB scores

Scholastic Aptitude Tests

Verbal 606.0

Mathematics 581.1

English Achievement Test 617.6

Distribution of CEEB scores:

	<i>S.A.T. Verbal</i>	<i>S.A.T. Mathematics</i>	<i>English Achievement</i>
Above 700	6%	5%	10%
650-699	17%	12%	26%
600-649	29%	22%	31%
550-599	36%	33%	25%
500-549	10%	20%	7%
400-499	2%	7%	1%
Below 400	None	1%	None

In addition to the Scholastic Aptitude and English Achievement Tests, entrance requirements include the Writing Sample and satisfactory scores in two other Achievement Tests. Candidates are free to choose the subjects.

Awarded in freshman scholarships to 13.4%

of the class \$23,700.

Newton College
of the
Sacred Heart
1966/1967



BULLETIN OF INFORMATION

College Calendar

ACADEMIC YEAR 1966-1967

September 14	Registration for Freshmen 10:00 A.M. to 4:00 P.M.
September 15, 16, 17	Orientation exercises for Freshmen. Attendance is required.
September 17	Registration for Seniors, Juniors and Sophomores, 10:00 A.M. to 4:00 P.M.
September 19	Classes begin.

There will be no classes on the following days: October 12, November 1, 11, 23, 24, 25, December 8. Christmas holidays begin after the student's last class on December 16.

Reading Week begins on January 3.

Semester Examinations begin on January 9 and end on January 19.

SECOND SEMESTER

January 23, 1967	Classes begin.
Easter holidays begin after the student's last class on March 22 and end with the student's first class on April 3.	
Senior Comprehensive Examinations May 2 through May 5.	
Reading Week begins May 17.	
Semester Examinations begin on May 23 and end on June 1.	
Baccalaureate Mass on Sunday, June 4.	
Commencement on Monday, June 5.	
There will be no classes on February 22.	

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THE TRUSTEES OF THE COLLEGE

AGNES BARRY, R.S.C.J., M.A., *Honorary President*

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CLAIRE KONDOLF, R.S.C.J., M.A.

CATHERINE MAGUIRE, R.S.C.J., Ph.D.

MARY H. QUINLAN, R.S.C.J., Ph.D.

LORETTA SANTEN, R.S.C.J., M.A.

ELIZABETH SWEENEY, R.S.C.J., B.S.

THE ADVISORY BOARD

HIS EMINENCE, RICHARD CARDINAL CUSHING, D.D., LL.D.

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DANIEL SARGENT, M.A.

FRANK SAWYER

JOHN W. SPELLMAN, M.D.

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WILLIAM K. WIMSATT, Ph.D.

THE OFFICERS OF ADMINISTRATION

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Dean, MARY H. QUINLAN, R.S.C.J., Ph.D.

Treasurer, CLAIRE KONDOLF, R.S.C.J., M.A.

Director of Admissions, FLORENCE ASHE, R.S.C.J., B.A.

Assistant Dean, JOAN S. NORTON, M.Ed.

Registrar, ELLEN M. CHASSON (Mrs. ALEXANDER M. CHASSON, JR.)

THE FACULTY

ROSALIE AFAN, B.A.

Assistant Professor of German and Russian

B.A. Thachers College of Foreign Languages, Rostov, Russia.

MARY DAY ALBERT (MRS. RICHMOND ALBERT), Ph.D.

Assistant Professor of Biology

B.A. University of New Hampshire; M.A. Bryn Mawr College;
Ph.D. Brown University.

MARIA L. BALLING (MRS. F. K. BALLING)

Associate Professor of Music

Graduate of the New Vienna Conservatory of Music. Teacher's
Diploma from the Austrian *Pruefungskommission fuer das Lehramt
der Musik an Mittelhochschulen und Lehrerbildungsanstalten*. Post-
graduate studies at the Universities of Vienna, Paris, Milan, and
Cambridge.

FRANK A. BELAMARICH, Ph.D.

Lecturer in Biology

B.A. Montclair State College; M.A. Harvard University; Ph.D.
Harvard University.

MARJORIE BELL, B.S.

Director of Physical Education

Graduate of the Sargent School of Physical Education; B.S. Boston
University.

CHARLES R. BOTTICELLI, Ph.D.

Lecturer in Biology

B.A. University of Connecticut; M.A. Williams College; Ph.D. Har-
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Assistant Professor of English

B.A. University of New Mexico; M.A. University of Wisconsin.

PAUL J. CARNAHAN, JR., S.T.B.

Lecturer in Sacred Scripture

B.S. Carnegie Institute of Technology; S.T.B. Harvard Divinity
School.

SISTER MARY REGINALD CARTER, S.S.F., Ph.D.

Visiting Professor of Spanish

B.S. Seton Hill College; M.A. Xavier University (New Orleans);
Ph.D. St. Louis University.

STEPHEN J. CLARKE, Ed.D.

Lecturer in Education

B.A. Boston College; M.Ed. Boston College; Ed.D. Harvard University.

GEORGE CLAY, M.A.

Lecturer in Biological Sciences

B.A. Dartmouth College; M.A. Boston University.

AILEEN COHALAN, R.S.C.J., B.Mus.

Lecturer in Music

B.Mus. Manhattanville College of the Sacred Heart; Colleague, American Guild of Organists.

JOSEPH F. CONWAY, M.A.

Associate Professor of Economics and History

B.A. University of Rochester; M.A. University of Rochester.

NELLY COURTOIS (MME. FREDERIC COURTOIS)

Assistant Professor of French

Diploma of Ecole Centrale de Service Sociale, Brussels; Brevet, Alliance Française, Paris; Diplôme Supérieur de Langue Moderne, Paris.

FRANCES CUNNINGHAM, R.S.C.J., Ph.D.

Associate Professor of Biology

B.A. Manhattanville College of the Sacred Heart; M.S. Villanova College; Ph.D. Catholic University of America.

MARY JEANNE CURRAN (MRS. ROBERT J. CURRAN), B.S.

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B.S. Newton College of the Sacred Heart.

ROBERT J. CURRAN, M.A.

Associate Professor of Philosophy

B.A. Fordham University; M.A. Fordham University.

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Coordinator of the Study of Western Culture

B.A. Mt. St. Scholastica; M.A. Harvard University.

UBALDO DiBENEDETTO, Ph.D.

Associate Professor of Italian and Spanish

B.A. Northeastern University; M.Ed. Bridgewater State College; M.A. Middlebury College; Ph.D. University of Madrid.

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M.A. Harvard University.

FERN FARNHAM (MRS. W. E. FARNHAM), M.A.

Assistant Professor of English

B.A. Wellesley College; B.A. Oxford University; M.A. Oxford University; M.A. University of California.

P. CORBY FINNEY, B.A.

Lecturer in Theology

B.A. Yale College; graduate study at Ludwig Maximilian Universität, Munich, and at Harvard University.

JOHN PAUL FITZGIBBON, Ph.D.

Professor of Philosophy

B.A. Boston College; M.A. Catholic University of America; Ph.D. Georgetown University.

EDWARD J. FITZPATRICK, JR., D.M.A.

Lecturer in Education

B.M. New England Conservatory of Music; M.A. Columbia University; graduate study at Alabama Polytechnic Institute and Harvard University; D.M.A. Boston University.

MARIA VICTORIA FUSTER, M.A.

Assistant Professor of Spanish

Licenciada en filosofía y letras (filología románica), University of Madrid.

JULIA HAIG GAISSER (MRS. T. K. GAISSER), Ph.D.

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B.A. Pembroke College; M.A. Harvard University; Ph.D. University of Edinburgh.

LUBOMIR GLEIMAN, Ph.D.

Professor of History and Political Science

B.A. Thomas More Institute, Montreal; M.A. Institute of Medieval Studies, University of Montreal; Ph.D. Institute of Medieval Studies, University of Montreal; graduate study at the University of Bratislava, Slovakia, University of Munich, Germany, and University of Innsbruck, Austria.

MARGARET MARY GORMAN, R.S.C.J., Ph.D.

Professor of Psychology

B.A. Trinity College (Washington); M.A. Fordham University;
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B.A. Baldwin Wallace College; M.A. Boston University; Ph.D. Boston University.

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B.S. College of the Holy Cross; M.Ed. Harvard University; C.A.S. Harvard University.

L. EDWARD KAMOSKI, Ph.D.

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B.S. and M.A. Tufts University; Ph.D. Cornell University.

JANA M. KIELY (MRS. ROBERT J. KIELY), M.A.*

Lecturer in Biology

Licence de Sciences Naturelles, Sorbonne; M.A. Radcliffe College;
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LESLIE L. KLINE, M.A.

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Undergraduate and graduate study at the University of Berne.

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B.S. Institute of Design, Chicago; M.S. Institute of Design, Chicago.

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sity of Munich; Candidate for Ph.D. Institute of Medieval Studies,
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Professor of Sociology and Economics

B.A. Academy of Law, Kecskemet; M.S. College of Agriculture, Vienna; Ph.D. Royal Hungarian Palatin, Joseph University of Technical and Economic Sciences, Budapest.

LEO J. PARENTE, Ph.D.

Lecturer in Economics

B.S. Boston College; M.A. Tufts University; Ph.D. University of Connecticut.

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B.A. Boston College; study at Institut Catholique de Paris and Harvard Divinity School.

KENNETH J. PRESKENIS, M.A.

Assistant Professor of Mathematics

B.A. Boston College; M.A. Brown University.

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Professor of Art

B.A. Manhattanville College of the Sacred Heart; M.F.A. Catholic University of America; M.A. Catholic University of America; Ph.D. Catholic University of America.

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B.A. Manhattanville College of the Sacred Heart; M.A. Catholic University of America; Ph.D. Catholic University of America.

NIKITA ROODKOWSKY, M.A.

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B.A. Columbia University; M.A. Columbia University.

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Assistant Professor of Sacred Scripture

B.A. Hunter College; M.A. Teachers College, Columbia University; B.D. Union Theological Seminary; candidate for Th.D. Harvard Divinity School.

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LORETTA SANTEN, R.S.C.J., M.A.

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B.A. Manhattanville College of the Sacred Heart; B.S. Library Science, Columbia University; M.A. Catholic University of America; M.A.R.Ed. Providence College.

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B.A. Grinnell College; M.A. Brandeis University.

VINCENT J. SOLOMITA, B.Arch.

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B.Arch. Pratt Institute; study at American Art School of Fontainebleau, France; Ecole des Beaux Arts, Paris.

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B.F.A. University of Notre Dame; M.F.A. Yale University School of Design.

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Associate Professor of German

M.S. University of Vienna; Ph.D. University of Vienna.

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Associate Professor of Spanish

B.A. San Francisco College for Women; M.A. Stanford University; Ph.D. Stanford University.

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Lecturer in English

B.A. Radcliffe College; M.A. Radcliffe College; Ph.D. Radcliffe College. Research at University of London, British Museum and Public Records Office.

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Professor of Psychology

Certificate in Business Administration University of Cracow; Diploma in Psychology and Statistics University of Edinburgh; Certificate University of Cambridge; M.A. University of Cracow; Ph.D. University of London.

LIBRARY

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Librarian

B.A. University of Michigan, Ann Arbor; M.L.S. University of California, Berkeley

HELEN GRANT, R.S.C.J., M.A., B.L.S.

Assistant Librarian

B.A. Manhattanville College of the Sacred Heart; M.A. Boston College; B.L.S. New York State College.

MARIA G. CHART (MRS. ALEXANDER CHART), M.S. in Library Science Cataloguer

B.A. University of London; M.S. in Library Science Columbia University.

ANN C. COLEMAN, M.S. in Library Science

Circulation Librarian

B.A. Regis College; M.S. in Library Science Simmons College.

JOHN D. J. SLINN

Reference Librarian

Loughborough Library School

LIBRARY STAFF

CONCELIA GARDETTO (MRS. BERNARD GARDETTO)

CONSTANCE LAROSSE

C. PATRICIA MALONEY

MARGARET SLAMIN

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B.A. Columbia University; M.Ed. Boston University.

OFFICE OF PUBLIC RELATIONS AND DEVELOPMENT

RONALD C. BRINN, B.A., *Director*

B.A. Tufts University

ASSISTANTS TO THE OFFICERS OF ADMINISTRATION

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JANIS KARLSSON, *Secretary in the Admissions Office*

JANET KEEGAN, *Secretary to the Registrar*

MARY PIGNATELLI (MRS. MARIO M. PIGNATELLI), *in charge of Duplicating Office*
ADELAIDE E. POWELL, *Secretary to the President and the Dean*
SHIRLEY RICE, *Bookkeeper*
MAUREEN SHEEHY, *Secretary to the Director of Admissions*
MARY E. SHIELDS (MRS. ROBERT B. SHIELDS), *Assistant to the Placement Director*
ALICE TOBIN (MRS. JOSEPH TOBIN), *Secretary to the Faculty*

WARDENS

Barat House—JOAN CLASBY
Cushing House—CAROLINE PUTNAM, R.S.C.J.
Assistant—MARY KATHRYN MELLEY (MRS. GEORGE MELLEY)
Duchesne House, East and West—KATHERINE McDONNELL, R.S.C.J.
Assistant, East—BARBARA CARNEY
Assistant, West—FRANCES S. DONAHUE (MRS. L. M. DONAHUE)
Harley House—ELIZABETH WHITE, R.S.C.J.
Assistant—MARGARET HIGGINS (MRS. JAMES HIGGINS)
Keyes House—FLORENCE ASHE, R.S.C.J.
Assistant—NELLIE JENKINS
Stuart House—HELEN GRANT, R.S.C.J.
Assistant—ALICE BARRY

HEALTH SERVICE—JOHN W. SPELLMAN INFIRMARY

JOHN P. RATTIGAN, M.D. <i>Attendant Physician</i>	FRANCIS E. SMITH, M.D. <i>Attendant Physician</i>
KENNETH MACDONNELL, M.D. <i>Attendant Physician</i>	SIDNEY DEROW, M.D. <i>Attendant Physician</i>

Resident registered nurses are in charge of the Infirmary.

RESIDENCE AND DINING ROOM SERVICES; BUILDINGS AND GROUNDS

JOSEPHINE SEITZ, R.S.C.J. <i>Manager of Domestic Services</i>	ARTHUR SPELLMAN <i>Dining Room Steward</i>
TERESA MOONEY, R.S.C.J. <i>Director of Dormitory Services</i>	EARL FRIOT, JR. <i>Plant Engineer</i>

JOSEPH D. MURPHY, M.A.
Director of Dining Room Services

General Information

Newton College of the Sacred Heart, founded in 1946, shares in the educational tradition of the Society of the Sacred Heart which for more than one hundred sixty years and in every part of the world has devoted itself to the education of girls and young women. Newton is a four-year liberal arts college for about 800 young women, of whom 650 live on the campus.

The College is located on a forty-six acre campus in a residential suburb of Boston, providing the students with quiet and pleasant surroundings and the intellectual and cultural advantages of being within easy access to great universities, libraries, museums and cultural activities in and around the city of Boston. Logan Airport may be reached from the campus in twenty minutes; interstate bus routes and railroad stations are easily accessible.

The policies of the College are based on the assumption that a girl coming to Newton has had a sound intellectual and moral formation and has the capacity for self-discipline. Without the latter, she will almost invariably find herself in academic or disciplinary difficulties, because students are expected to assume responsibility for all aspects of their life.

Only those regulations are imposed which are necessary to insure consideration for others, refinement of manners and good taste. Except in serious matters, the standards of cooperation and conduct are determined and upheld by the Student Government Association and the Social Committee.

The Student Academic Council is an elected body which acts as liaison between the students and the Dean and Faculty and which sponsors cultural activities. Among these is a series of lectures by distinguished scholars, artists and public servants which take place at intervals throughout the academic year. The lecture series is named in honor of Mr. David Reeves in gratitude for his generous gifts to the college library over a period of years.

The student's time is her own. She is expected so to use it that she gives full time and attention to her studies. She should also arrange that she has sufficient exercise and rest and has time for an adequate social life which the Administration considers to be an integral part of a college experience. Unless students have arranged to be away overnight, they are ordinarily to be in their dormitories by ten

Alumnae Profile

CLASS OF 1965

Degree recipients	139
Major fields of study	15
Art, art history, biology, classics, economics, English, history, Latin, mathematics, modern languages, philosophy, political science, psychology, Russian, and sociology.	
Enrolled in graduate schools	20%

Some graduate and professional schools attended:

Boston College, Boston University, Brown University, Catholic University of America, Columbia University, Duke University, Fordham University, Georgetown University, Harvard University, Manhattanville College of the Sacred Heart, Massachusetts State Colleges, New Mexico Highlands University, Northwestern University, Providence College, St. Louis University, Simmons College, Temple University, and the Universities of Maryland, Massachusetts, Michigan, and Wisconsin.

Some positions filled:

Newspaper photographer-feature writer, radio-television assistant producer, market research statistician, "Operation Head Start" teacher, hospital laboratory research technician, high school biology department chairman, Department of Defense analyst, university librarian's assistant, U. S. Navy publications editor, director of industrial design research, junior college English teacher, department store assistant buyer, advertising agency media analyst, Montessori School teacher, newspaper film and drama critic, investment counselor, mutual fund programmer, insurance company actuary assistant, bank translator, public relations assistant, public welfare department counselor, news magazine editorial researcher, telephone company sales and service representative, psychologist's research assistant, industrial personnel officer, child welfare services caseworker, assistant to consulting firm's chief editor, community development officer, and forecasting librarian for an international company's advanced systems development division.

Requests for additional information about the College
should be addressed to:

Director of Admissions
Newton College of the Sacred Heart
Newton, Massachusetts 02159

o'clock, except on Friday and Saturday nights when they may be out until one o'clock, provided they are accompanied by an escort or several girls. Arrangements to remain out later than ten o'clock on other nights in order to attend lectures, concerts, plays or other cultural activities are made by the Interest Committee. Any student who has the use of a car is allowed to keep it on campus, provided she pays the fee and has it registered.

The law of the Commonwealth of Massachusetts prohibits the serving of alcoholic beverages to those under twenty-one years of age. Therefore, the College does not allow drinking on campus; it cannot assume responsibility for its students who disregard the law when they are off campus.

The students are housed in six dormitories, members of the four classes living on each floor. For this reason regulations apply to all students without respect to their class. This places great responsibility on the freshmen, but the upperclassmen share this responsibility with them, and give them sound advice and help in academic, social and personal matters.

More formal counseling is available from the Dean and Assistant Dean in academic matters, from the religious residing in each house, from the house mother, and from faculty members, many of whom have had training in psychology. Each student is urged to seek help from the person who she feels can understand her and give her sound advice. Those who seem to be in more serious difficulties may be referred to psychologists or psychiatrists off campus upon recommendation of the college physician and with agreement of the parents.

The health services are also organized with the expectation that the students are sufficiently mature to know when they need medical help or care. Besides the nurse resident in each dormitory, the College maintains the John W. Spellman Infirmary, a self-contained unit with fifteen beds. A physician visits the infirmary four days a week, and every day if necessary. Unless a student has been recommended to a doctor by her own physician, she is expected to use the physicians whose services are made available through the infirmary. When a specialist must be consulted, the infirmary has an imposing list of leading specialists in Boston who will see Newton students almost immediately. If a student is recommended by her doctor to one not on the college list, it is requested that he report directly to the in-

firmly. If a student requires out-patient or emergency treatment, or must be hospitalized, she is taken by one of the nurses to St. Elizabeth's Hospital, where she will receive the best of treatment. In serious cases, the doctor will generally himself call the parents to explain the illness.

As a Catholic College, Newton has the religious formation of the students very much at heart. For this reason it provides a systematic study of theology throughout the four years of college, and makes available to the students participation in the life of the Church made present in the liturgy.

The Curriculum

The College offers a curriculum leading to the degree of Bachelor of Arts.* The theology course consists of two semesters' study of Holy Scripture followed by six semesters' study of the *Summa Theologica* of St. Thomas Aquinas. The philosophy course consists of four semesters' study of scholastic philosophy so arranged as to supply the philosophical background required for the study of the *Summa*, and as many other courses in philosophy as the student wishes to take.

The first two years of the curriculum are designed to provide the student with a general educational background. The greater part of the student's time in each semester is given to an integrated course in the Study of Western Culture. This course runs through four semesters and is taken by all Freshmen and Sophomores. Its purpose is to open the mind of the student to great problems in the areas of political and social life, the arts, religion, philosophy, the sciences, and mathematics. One of the purposes of the lectures given in these various fields is to acquaint the student with the nature and method of the scholarly disciplines which deal with these areas of human life. The course does not attempt a survey of Western civilization but rather a presentation of some of the most significant problems that have faced Western man. Because of the nature of the material, no one lecturer or small group of lecturers can be expected to handle it; so the resources of the whole Faculty are called upon for the planning of the program and the giving of the lectures. From time to time professors from other campuses are invited to give lectures. The course is carried on under the supervision of the Dean with the assistance of a Coordinator. A daily lecture, a weekly discussion period, and a weekly reading assignment of considerable length make up the work of the course.

A reading knowledge of one foreign language, shown in a foreign language reading test, is a requirement for the degree. This requirement may also be met by the successful completion of the equivalent of sixteen semester hours' work in the language.

The student receives her Academic Cap when she has passed the first three semester courses in theology, philosophy, and the Study of

*The degree of Bachelor of Science is given only to registered nurses who make at least two years of study, completing four semesters of theology, two of philosophy, and the requirements of one major field.

Western Culture, provided that she has completed two semesters of Physical Education and is in good scholastic and social standing.

The Junior and Senior years are devoted principally to specialization in a major field. The purpose of the major courses is to give the student a thorough introduction to one scholarly discipline, its subject matter and its methods, so as to inculcate those intellectual habits which the discipline especially imparts. A secondary objective is to prepare the student to pursue graduate studies in the field, and, in some cases, to enter professional work in it.

Within the past few years, Newton graduates have attended most of the outstanding graduate schools in this country. A partial list of the American universities where they have been studying includes: Boston, Boston College, Brown, Catholic, Columbia, Cornell, Dartmouth, Fordham, Georgetown, Harvard, Marquette, Michigan, New York, Northwestern, Pennsylvania, Stanford, Virginia, Wisconsin, and Yale. While most of the Newton graduates pursue their studies in the arts and sciences, some have received their degrees in law or medicine. The various departments of the college frequently assess their offerings in view of the changes taking place on the graduate level.

STUDY ABROAD

The importance of a thorough and complete preparation in the major field has led the Administration of the College to decide against allowing a student to take a year of her college course abroad and then return as a member of her original class. But if a student wants to study abroad, and if she has demonstrated reliability and academic competence, the Administration may allow her to follow one of these plans:

1. Study in a summer session at a university abroad. If the student brings back with her a transcript or its equivalent, the appropriate number of credits will be transferred to her Newton record on the usual conditions: a grade of C— or better, and if the course is to count either as an upper-division course in the major field or as a course required of all students, the passing of an appraisal test at Newton.

2. Study at a university abroad during one semester of the college year, with a total of not more than eight credits to be transferred on the conditions indicated under Plan 1.

3. A semester of study at a foreign university followed by or preceded by a semester of summer study either in the United States or

abroad. In this case, eight credits may be transferred for each semester of study—sixteen credits in all—on the conditions indicated under 1.

The student who follows 2 or 3 must be responsible for checking with the Registrar regarding the possibility of fulfilling the general requirements for the degree and with the faculty members in her major field regarding fulfilling the requirements in that field. She must remember that many upper-division courses are given in alternate years at Newton, and that in some cases the faculty members will not accept a course taken elsewhere as the equivalent of a required upper-division course in the major field. Her plan of study, including her courses at Newton and abroad, must be approved in writing by the Registrar and by one faculty member for the major field. Lastly, the student must secure the written permission of the Dean of the College who will give it only if the plan has been approved by the Registrar and faculty member concerned, and if the student has maintained a very good cumulative average (at least B—) at Newton, and has demonstrated personal maturity and reliability.

A student considering study abroad should note particularly that the responsibility for planning and carrying through a program of study abroad rests with her. Unless she has secured complete approval of her plan before she goes abroad, she will not be allowed to return to Newton as a member of her original class. The fact that a plan has been approved should not be taken to mean that the Administration of the College is responsible for seeing that it is implemented. Problems related to housing, financing, securing tutors, etc. are in the hands of the student; also, no changes in Newton's schedules of classes or course requirements will be made to accommodate the student's needs. Finally, the student should bear in mind that if unforeseen circumstances prevent her fulfilling her program, she will not be able to complete her work for the degree by the date at which she would normally have graduated.

SUMMER STUDY

Summer Study, either in the United States or abroad, is allowed and sometimes advised. Courses taken in summer school may count as upper-division courses in a major field if the student passes Newton College's examination in the subject matter of the course. In the same way, a course taken in summer school may replace one of the courses required for the degree if the student passes Newton College's examination in the subject. Credit will be transferred from any accredited

college or university for a course in which the student has received a grade of C— or above.

The grading system is as follows:

A+ = 99, 98, 97	%	} Excellent, outstandingly fine work
A = 96, 95, 94		
A— = 93, 92, 91, 90		
B+ = 89, 88, 87		} Very good work
B = 86, 85, 84		
B— = 83, 82, 81, 80		
C+ = 79, 78, 77		} Good, adequate work
C = 76, 75, 74		
C— = 73, 72, 71, 70		
D+ = 69, 68, 67		} Passing work
D = 66, 65, 64		
D— = 63, 62, 61, 60		
F = Below 60		Failure

Good scholastic standing consists in having a cumulative passing average. A student whose cumulative average falls below C— will be dropped from the college for poor scholarship, unless in the case of a Freshman an exception is made at the end of the first semester. (The cumulative average is found by taking the average of the semester averages to date.) A student who has been dropped for poor scholarship may be readmitted in certain circumstances and at the discretion of the Administration, provided she has maintained an average of B— (80%) for two or three semesters at another accredited four-year liberal arts college.

Students are expected to attend all their classes. Absence from classes, laboratory periods, and seminars will sometimes lower a student's grade on the course as will absence from classes at which a test is given. No student may be absent from classes on the last day before or the first day after a holiday—"holiday" being defined as a day, other than Saturday or Sunday, on which there are no classes. If a student were to be absent, she would be subject to an academic penalty.

Each student is expected to be aware of her academic standing: her cumulative average, completion of courses required for the degree, fulfillment of the requirements in upper-division courses in her major field. For this reason, it is not the policy of the Administration to issue warnings on academic standing to students or their parents.

However, every kind of assistance will be given by members of the Administration and of the Faculty to students who seek it, and inquiries from parents about their daughter's work will always be welcomed.

When the student has entered Junior year she should begin to consider the requirements for the degree which she may still have to fulfill. If she has not passed a foreign language reading test, she must take the equivalent of sixteen hours' study of a language. Other requirements include the accumulation of one hundred twenty-eight credits; the passing of all required courses; the earning of a grade of C or above in eight upper-division courses in the major field; and whichever of the following are required in the major field: the writing of a Senior Essay; social work; the passing of comprehensive examinations, etc.

During the college course, students on the Dean's List are those who during the previous semester have maintained a scholastic average of B+. Honors students are those who during the previous semester have maintained a scholastic average of A— or more. The college confers honors at graduation upon students who have maintained a high level of scholastic achievement during their entire course. The scholastic average required for a degree *cum laude* is 87%; for *magna cum laude*, 92%; for *summa cum laude*, 95%. These honors are based entirely upon scholarship. Membership in honor societies is given according to the regulations of the societies. Chapters of Kappa Gamma Pi and Phi Alpha Theta are established on the campus.

The Trustees of Newton College offer each year an award to the Sophomore having the highest cumulative average for the two years of the Study of Western Culture. The award is a fellowship for the study of Far Eastern Culture at Sophia University in Tokyo for the summer session, and includes the travel and living expenses of the student, as well as her tuition.

Scholastic standards are the object of constant solicitude. Admission to the college is granted only to well-qualified students who have attained more than average success in their secondary-school studies. Remaining in college depends on scholastic achievements as well as on satisfactory conduct. The college will drop any student whose cumulative average falls below 70%, and it may request the withdrawal of any student whose behavior is not in accord with the standards required by the college. Whatever action is taken regarding ad-

mission and retention of students results, then, from a concern for the maintenance of a standard of excellence in every aspect of college life.

ADMISSION

ADMISSION TO FRESHMAN CLASS

To be considered for the Freshman Class an applicant must

1. file her application before February 15 of her senior year in high school.
2. offer sixteen high school units in academic subjects.
3. rank in the upper half of her class.
4. submit acceptable scores in the Scholastic Aptitude Test of the College Entrance Examination Board and in three CEEB Achievement Tests, one of which must be English, and in addition the CEEB Writing Sample.*
5. have her principal's recommendation.
6. be interviewed if possible.

Advanced standing is given to students who receive scores of 4 or 5 in the Advanced Placement Tests of the College Entrance Examination Board whenever the college curriculum allows of it. Incoming Freshmen should write to the Assistant Dean before September about the advisability of taking advanced placement tests given by Newton College in sciences, languages and mathematics.

The Committee on Admissions holds monthly meetings at which decisions are made regarding candidates whose credentials are complete at that time.

*Candidates are responsible for registering with the College Entrance Examination Board for the tests. Information about the tests, test centers, fees and dates may be obtained by writing to College Entrance Examination Board, P.O. Box 592, Princeton, New Jersey, or P.O. Box 27896, Los Angeles 27, California.

Courses of Instruction

The Bachelor of Arts degree requires completion of a minimum of 128 credits with an average grade of at least C—. These credits must include the passing of the following courses:

Theology courses Th 1 through Th 8

Four semesters of Philosophy as indicated on page 48

The Study of Western Culture, RG 1-2, 3-4

English Composition, Eng 1-2

Basic Scientific Concepts, Sci 1-2, with the exception of Biology, Chemistry, and Psychology majors

Individual departmental requirements of a major field of study selected from any one of the following:

Art	Italian
Biological Sciences	Mathematics
Chemistry	Modern Languages
Classics	Philosophy
Economics	Political Science
English	Psychology
French	Russian
German	Sociology
History	Spanish

In addition, a student must exhibit a facility in a foreign language either by passing a reading test or by satisfactory completion of the equivalent of sixteen semester hours' study in the language.

Finally, she must satisfactorily complete a senior essay or project pertinent to her major and pass a comprehensive examination in that field.

The Freshman program of studies includes: Th 1-2, Phil 1, 2, 3; or Phil 1A, 2, 3, RG 1-2, Eng 1-2, a course in a science if it is not required later by her proposed major, and one additional course which may either be required by her proposed major or be an elective. In the latter instance, a foreign language is recommended.

Courses with a double number, for example Art 31-32, extend through two semesters. Odd-numbered courses are given in the first semester; even-numbered courses in the second. Courses with a catalogue number of 30 or higher carry upper-division credit for students majoring in that department. The number in parentheses after the

title of the course indicates the number of semester hours of credit. Courses are offered only if a sufficient number enroll for them.

ART

Requirements for History of Art majors: Art 1 and Art 2 in the Freshman year; Art 21-22 and Art 23-24 by the end of the Sophomore year; Art 81-82; a minimum of eight semesters in upper-division lecture courses each completed with a grade of C or better; a satisfactory essay in the area of the student's choice; and the passing of three days of written comprehensive examinations. Courses in French and German are recommended, since a knowledge of these languages is necessary for serious research in the field.

Requirements for Studio majors: Art 21-22 and Art 23-24 in the Freshman year; Art 25-26 and Art 57-58 in the Sophomore year; Art 61-62 in the Junior year; Art 1, Art 2, Art 81-82 plus one additional elective lecture course; a minimum of eight semesters in upper-division courses at least four of which must be in studio courses and all of which must be passed with a grade of C or better; the passing of two days of written comprehensive examinations; a satisfactory creative project in lieu of the essay. In addition, at the end of the Freshman and Sophomore year, the student must submit a portfolio of work for faculty approval. Without this approval, she cannot continue in the field.

LECTURE COURSES

ART 1 HISTORY OF ART I (3) Mr. Marcus
Survey of art history from prehistoric times to the Renaissance.

ART 2 HISTORY OF ART II (3) Mr. Marcus
Survey of art history from the Renaissance to the mid-nineteenth century.

ART 31-32 ANCIENT ART OF EUROPE AND THE NEAR EAST (3, 3) Mr. Steczynski
A study of the art forms of the Mediterranean basin, beginning with prehistory and focussing on Egypt and Greece. Those who wish to specialize in this area should also take C1 Arch 62. Offered 1967-68.

ART 35-36 MEDIEVAL ART (3, 3) Mother Putnam
First semester: Early Christian through the Romanesque. Second semester: the Gothic. Offered 1967-68.

ART 41 RENAISSANCE PAINTING IN NORTHERN EUROPE (3) Mr. Marcus
Flemish, German, French and English painting of the fifteenth and sixteenth centuries.

ART 42 ITALIAN RENAISSANCE ART AND ARCHITECTURE (3) Mr. Marcus
Italian art and architecture of the fifteenth and sixteenth centuries.

ART 43-44 BAROQUE ART (3, 3) *Mr. Steczynski*
A study of Baroque architecture, sculpture, and painting in Italy and Northern Europe.

ART 55-56 AMERICAN ART (3, 3) *Mr. Marcus*
First semester: painting, sculpture, architecture and the household arts in America prior to the Civil War. Second semester: 1865 to the present.

ART 61-62 MODERN PAINTING AND SCULPTURE (3, 3) *Mother Putnam*
First semester: nineteenth century trends from David to Post-Impressionism. Second semester: Cézanne and the twentieth century.

ART 63-64 MODERN ARCHITECTURE (2, 2) *Mr. Stahl*
Visual, ethical, historical and practical aspects of habitation as shown in nineteenth and twentieth century architecture.

ART 71-72 FAR EASTERN ART (3, 3) *Mr. Marcus*
First semester: Buddhist sculpture in India, Indonesia, China and Japan. Second semester: Chinese and Japanese painting and Japanese block prints.

ART 80 ART AND LITURGY (2) *Mother Putnam*
Sacred space and sacred imagery considered in the light of *The Constitution on the Sacred Liturgy*.

ART 81-82 PHILOSOPHY OF ART (2, 2) *Mother Putnam*
A chronological analysis of theories of art and beauty as they relate to creative expression.

STUDIO COURSES

Studio courses are limited ordinarily to art majors. Anyone who wishes to enter a studio course must have the permission of the instructor. The college reserves the right to retain the work of any student who takes a studio course.

AS 21-22 DRAWING AND PAINTING I (3, 3) *Mother Putnam, Mr. Marcus*
A general introductory course concerned with basic principles of expressive and representational drawing and painting.

AS 23-24 TWO-DIMENSIONAL DESIGN (3, 3) *Mr. Laliberté*
A fundamental design course concerned with the basic principles of composition, color, line, form, and space and their relationships on a two-dimensional surface.

AS 25-26 BASIC THREE-DIMENSIONAL DESIGN (3, 3) *Mr. Solomita*
A workshop course to train the student to visualize in space and to develop an awareness of visual language, related forms in space, and a sensitivity to form, space, structure, and color through the coordination of mind, eye, and hand and the use of various techniques and media.

AS 57-58 PAINTING TECHNIQUES (3, 3) *Mr. Laliberté*
An intermediate course employing various media.

AS 59-60 SCULPTURE (3, 3) *Mother Putnam*
Ceramic sculpture and wood carving in relief and in the round. Offered 1967-68.

AS 61-62 FIGURE DRAWING (2, 2)

Mother Putnam

Gesture and contour drawing from life. Detailed studies in lithograph, charcoal, pen and ink, water-color and gouache.

AS 63-64 ADVANCED THREE-DIMENSIONAL DESIGN (3, 3)

Mr. Solomita

A continuation of the work done in Art 25-26 involving more complex problems and solutions and with special emphasis on plastic unity of form.

AS 67-68 CERAMICS (3, 3)

Mother Putnam

Fundamental training in clay work: coil and slab projects, wheel throwing, and the use of slips and glazes.

AS 69-70 GRAPHIC ARTS (2, 2)

Mr. Laliberté

An exploration of print making in various media with a concentration on serigraphy. Offered 1967-68.

AS 71-72 ARCHITECTURAL TECHNIQUES (3, 3)

Mr. Solomita

Fundamental graphic techniques for architectural design. Freehand and instrumental projects. Preparation for further work in architecture or allied fields.

AS 75-76 LAYOUT AND ILLUSTRATION (2, 2)

Mr. Laliberté

An advanced course in composition and design with emphasis directed toward art work for publication.

AS 77-78 EXPERIMENTAL PROJECTS I (3, 3)

Mr. Laliberté

An advanced course involving exploration of new media and techniques, group projects, and concentration on personal observation and expression.

AS 79-80 EXPERIMENTAL PROJECTS II (3, 3)

Mr. Laliberté

A continuation of Art 77-78. Open only to Senior studio majors.

AS 81-82 SELECTED PROBLEMS (4, 4)

The Art Faculty

Prolonged work one day each week in an area of the student's choice. Open to Senior art majors by invitation. The work, while it does not replace the Senior project, may lead to it.

BASIC SCIENTIFIC CONCEPTS

SCI 1-2 BASIC SCIENTIFIC CONCEPTS (3, 3)

Dr. Kamoski

Study of the fundamental concepts and theories of physical and biological sciences. Matter and energy; motion and force; laws of gravitation, planetary motion, and conservation; work and power; temperature and electromagnetism; light and electricity; modern views on space and time. States, composition, and properties of matter. Basic concepts and the foundations of modern biology. Introduction to the study of the planetary system. Two lectures and one discussion section per week. Required of all students with the exception of Biology, Chemistry, and Psychology majors.

BIOLOGICAL SCIENCES

Requirements for majors: The introductory course Bio 1-2 should be taken in the Freshman year along with Inorganic Chemistry, Chem 11-12. In the Sophomore year students will be expected to take Bio 31-32 and Organic Chemistry, 13-14. In the Junior year they will take

Bio 33, Bio 35 and Bio 44, and Phy 1, 2. In the Senior year all students will present a senior essay based on their research (directed by staff). One elective should be taken in the first semester of the senior year. Physics is required in Junior year.

BIO 1-2 CELL TO ORGANISM (4, 4)

*Dr. Belamarich, Dr. Botticelli,
Dr. Levy*

Study of the patterns of organization through which molecules, organelles, cells and tissues give living organisms their basic properties. *Fall semester:* cell biology integrated with the elements of biochemistry and cell physiology. *Spring semester:* principles of developmental biology, whereby the information from genetic material is translated into form and function during the individual life spans of plants and animals. Three lectures and one two-hour laboratory.

BIO 31-32 COMPARATIVE VERTEBRATE MORPHOGENESIS (4, 4)

Dr. Albert

A comparative morphological and embryological study of the vertebrates. Evolutionary changes in vertebrate structure from the protochordates through representative members of all the vertebrate classes will be studied. Emphasis will be placed on understanding the underlying principles behind these morphogenetic events. Two lectures and two two-hour laboratories.

BIO 33 GENERAL GENETICS (3)

Mrs. Kiely

The principles of genetics and their relation to fundamental biological problems. Discussion of the molecular basis of heredity, the nature, transmission and action of genetic material as derived from experimental work with higher plants, animals, and microorganisms. Two lectures and one two-hour laboratory. Offered 1967-68.

BIO 34 HUMAN GENETICS (3)

Mrs. Kiely

The fundamental principles and methods of population genetics and their application to the study of human heredity will be considered through lectures and directed reading on topics of individual interest. The choice of topics will include the following possibilities: patterns of evolution, heredity and environment, heredity and sex, heredity and "race," radiation and human heredity. Open to students with background in mathematics, or by permission of the instructor. Offered 1967-68.

BIO 35 HISTOLOGY AND HISTOLOGICAL TECHNIQUES (5) *Mother Cunningham*

The microscopic anatomy of tissues as related to function. This will include classical methods of study as well as modern research techniques such as autoradiography and cryobiology. Three lectures and two two-hour laboratories.

BIO 36 MODERN MICROBIOLOGY (4)

Mother Cunningham

A biochemical approach to the nature of microorganisms: bacteria and virus. Study of microbial adaptation in ecological systems and limitations to adaptation; identification of bacteria from different environments. Three lectures and one two-hour laboratory.

BIO 42 CYTOLOGY AND ULTRASTRUCTURE OF CELLS (3) *Mother Cunningham*

Fine structure of cellular and subcellular systems. Methods for studying cells and cell phenomena and interpretation of observations. Laboratory will be oriented toward techniques used in investigation of problems in exfoliative

cell biology of the oral cavity, squash procedures, radiation cytogenetics and tissue culture. Two lectures and one two-hour laboratory.

BIO 44 CELLULAR PHYSIOLOGY (3) *Dr. Belamarich, Dr. Botticelli, Dr. Levy*
A biochemical and biophysical approach to the cell as the biological common denominator. Includes cell physiology of both plants and animals.

BIO 46 COMPARATIVE SYSTEMIC PHYSIOLOGY (3) *Dr. Belamarich,
Dr. Botticelli, Dr. Levy*

A comparative approach to functions of organs and organ systems in the invertebrates and vertebrates with special emphasis on regulatory mechanisms.

BIO 47-48 ENDOCRINOLOGY (3, 3) *Dr. Belamarich, Dr. Botticelli, Dr. Levy*
A comprehensive review of cellular and systemic humoral agents and their regulations. Includes both plant and animal hormones. Offered 1967-68.

BIO 49-50 SENIOR RESEARCH (3, 3) *The Department*

CHEM 11 PRINCIPLES OF MODERN CHEMISTRY (4) *Dr. Naves*
See page 32 for description.

CHEM 12 PRINCIPLES OF MODERN CHEMISTRY (4) *Dr. Naves*
For description see page 32.

CHEM 13-14 ORGANIC CHEMISTRY FOR BIOLOGY MAJORS (4, 4) *Dr. Naves*
See page 32 for description.

MATH 15-16 CALCULUS I (3, 3) *Mr. Scott*
See page 32 for description.

MATH 15-16 CALCULUS I (3, 3)
See page 46 for description.

PSY 12 INTRODUCTION TO PSYCHOLOGICAL STATISTICS (3) *Dr. Wysocki*
For description see page 56.

PHY 1-2 PHYSICS (4, 4) *Dr. Weeks*
This course is required for Juniors who are majoring in the Biological Sciences. For information see page 52.

BIOLOGICAL RESEARCH TRAINEE PROGRAM

The Biology Department of Newton College is participating in the oral research program of the Science Resources Foundation, an independent, private, non-profit organization located in nearby Cambridge. In general, S.R.F. was organized to pursue and to search for new knowledge useful for the advancement and improvement of human health and welfare. A substantial portion of S.R.F.'s oral research program is sponsored and funded by the United States Public Health Service and the Council of Tobacco Research, U.S.A. It is under the direction and supervision of Dr. Bertram Eichel and Dr. H. Arto Shahrik of S.R.F.

With S.R.F. providing some needed financial assistance for the purpose, the Biology Department of the Newton College may select several deserving and interested students to be trained and to assist in this research during their senior year. In addition, S.R.F. has provided two senior student sum-

mer research fellowships, each with a stipend of \$400.00, for training within S.R.F.'s laboratories.

CHEMISTRY

Requirements for majors: In addition to the chemistry courses listed below, students should take two years of scientific German or Russian; four days of comprehensive examinations in Junior year; an approved Senior Essay based on an original research project; and a satisfactory score in the GRE Advanced Test in Chemistry. A minimum of a grade of C should be maintained in courses numbered 30 or above.

CHEM 3-4 INTRODUCTORY INORGANIC AND PHYSICAL CHEMISTRY (4, 4)

Mrs. Loud

Study of the fundamental laws and theories of chemistry, atomic and molecular structure, chemical kinetics, chemical bonding and equilibrium reactions will be considered. Emphasis on basic quantum mechanics, thermodynamics. Chemical properties of inorganic compounds will be studied through qualitative and quantitative analysis.

CHEM 30 INTRODUCTORY ANALYTICAL CHEMISTRY (3)

Mrs. Loud

Study of the basic principles of volumetric and gravimetric analysis.

CHEM 31-32 ORGANIC AND PHYSICAL ORGANIC CHEMISTRY (6, 6)

Dr. Naves

A study of organic compounds and of the methods of identification of these compounds, the methods of establishing their structure. Emphasis will be placed on mechanisms of reactions.

CHEM 34 INSTRUMENTAL ANALYTICAL CHEMISTRY (3)

Mrs. Loud

Study of the principles underlying instrumental analysis, including topics such as potentiometry, electrodeposition, polarography and the various spectroscopic methods.

CHEM 35 THERMODYNAMICS (4)

Mrs. Loud

A study of the three laws of thermodynamics and their applications in relationship to the states of matter.

CHEM 36 CHEMICAL KINETICS, EQUILIBRIUM, ELECTROCHEMISTRY (4)

Mrs. Loud

Study of the rate of reactions, equilibrium state in ideal and non-ideal systems and principles of electrochemistry.

CHEM 37 BIOCHEMISTRY (6)

Dr. Kohler

A study of enzymes and the different metabolisms.

CHEM 43-44 SENIOR ESSAY (0, 0)

Staff

By arrangement work is carried out under the supervision of the Faculty advisor.

CHEM 47 CHEMISTRY SEMINAR FOR SENIORS (1)

Dr. Naves

This course is designed to acquaint the student with the scientific literature and teach her critical reading, experiment planning as well as scientific writing and presentation of papers.

The following courses are open to non-majors:

CHEM 11 PRINCIPLES OF MODERN CHEMISTRY (General Chemistry) (4)

Dr. Naves

A study of the fundamentals of chemistry including atomic, molecular and electronic structure. The states of matter and the laws governing them. Chemical bonding. Nuclear chemistry.

CHEM 12 PRINCIPLES OF MODERN CHEMISTRY (Analytical Chemistry) (4)

Dr. Naves

A continuation of Chem 11. Theory of solutions, colloids, acids, bases and buffers, oxidation reduction, chemical kinetics and equilibrium as well as their applications to the various fields of chemistry through analytical methods.

CHEM 13-14 PRINCIPLES OF MODERN CHEMISTRY (Organic Chemistry) (4, 4)

Dr. Naves

Study of the different classes of compounds.

CHEM 15 INTRODUCTORY BIOCHEMISTRY (4)

Dr. Kohler

Metabolic pathways. Emphasis will be placed on biochemical and biophysical principles of structure and function. Offered 1967-68.

Prerequisite: Chem 14.

CHEM 39-40 PHYSICAL CHEMISTRY (2, 2)

Dr. Naves

Study of the principles of physical chemistry including thermodynamics and chemical kinetics.

Prerequisite: Chem 1-2 and one year of calculus or by permission of the instructor.

CLASSICS

Requirements for majors in Classics: The study of Classics embraces three broad areas: the language and literature of Greece; the language and literature of Rome; ancient history and archaeology. A student majoring in Classics must complete Elementary Greek plus eight upper-division courses with a grade of C or better. In addition, the student is required to submit a satisfactory senior essay and must pass the written comprehensive examinations. A program in Classics must include at least two years of Greek, three years of Latin, and one year of ancient history. Those students anticipating graduate study are urged to begin their study of Greek in the Freshman year.

ANCIENT HISTORY AND ARCHAEOLOGY

HIS 31-32 ANCIENT HISTORY (3, 3)

Mrs. Williams

See description on page 43.

HIS 33-34 CLASSICAL AND HELLENISTIC GREECE (3, 3)

Mrs. Williams

See description on page 43.

HIS 35-36 ROMAN REPUBLIC AND EMPIRE (3, 3)

Mrs. Williams

See description on page 43.

CL ARCH 61 INTRODUCTION TO CLASSICAL ARCHAEOLOGY (3) Mrs. Williams
An introduction to the principles and methods of archaeology with emphasis upon the Greek Bronze Age. Study will also be made of the ancillary disciplines of epigraphy, numismatics, and papyrology. Open to all students.

GREEK

CL G 1-2 ELEMENTARY GREEK (3, 3) Mrs. Williams
The first semester concentrates upon classical Greek grammar. The second semester consists of readings in Attic prose. Selections are made from the writings of Xenophon and the Socratic dialogues.

CL G 33-34 INTERMEDIATE GREEK (3, 3) Mrs. Williams
Selections from Homer, Herodotus, and the Lyric Poets are read and analyzed with emphasis upon the development of Greek literature.

CL G 43-44 TRAGEDY AND ORATORY (3, 3) Mrs. Williams
An intensive analysis of two plays of Euripides and a study of selected public and private orations of Demosthenes. Offered 1967-68.

CL G 53-54 SOPHOCLES AND PLATO (3, 3)
A study of the style and philosophical thought of Sophocles and Plato. Offered 1967-68.

LATIN

CL L 9 THE POETRY OF HORACE AND CATULLUS (3) Mrs. Gaisser
Discussion of the nature of Latin personal poetry and the techniques of the poet. Open to students with 3-4 years of high school Latin or by permission of the instructor.

CL L 10 CICERO AND HIS AGE (3) Mrs. Gaisser
A study of Cicero's personality as revealed in selected orations and letters, with emphasis upon the events and political figures of his day.

Prerequisite: CL L 9 or by permission of instructor.

CL L 35 THE POETRY OF VIRGIL (3) Mrs. Gaisser
Selections from *Eclogues*, *Georgics*, and the *Aeneid* will be read, with emphasis upon the poet's use of symbol, image, and myth.

CL L 36 LIVY AND TACITUS: REPUBLICAN AND IMPERIAL ROME (3) Mrs. Gaisser
Book I of Livy's *Ab Urbe Condita*, Tacitus' *Agricola*, and selections from the *Annales*.

CL L 41 ROMAN DRAMA
The comedies of Plautus and Terence and the tragedies of Seneca. Offered 1967-68.

CL L 42 CAESAR
Extensive reading in the *Civil War* and the *Gallic War*. The struggle of Caesar against Pompey and the personality of Caesar will be emphasized. Offered 1967-68.

CL L 43 LUCRETIOUS
The *De Rerum Natura*, with emphasis upon the antecedents of the poet's philosophy, and its effects in subsequent literature. Offered 1967-68.

CL L 44 THE ART OF LATIN SATIRE
Analysis of the art of satire as reflected in Lucilius, Horace, and Juvenal. Offered 1967-68.

CLASSICS

CL 32 CLASSICAL MYTHOLOGY (3)

Mrs. Gaiser

A study of the nature of myth, its manifestations in Greek and Roman literature, and its influence upon subsequent art and literature. Both ancient sources and modern works of literature will be read. Open to all students.

CL 109-110 DIRECTED STUDIES IN CLASSICS (3, 3)

Intended for the well-qualified student who desires independent study in a specialized area of Classics.

ECONOMICS

Requirements for majors: Math 27-28 in Freshman or Sophomore year; Ec 1-2 in Sophomore year; Ec 33 and Ec 34 in Junior year; Ec 36 in Junior or Senior year; Ec 51-52 and Ec 56 in Senior year; a minimum of eight semesters of upper-division courses with grades of C or better selected from this department, and Psy 41; a satisfactory thesis in the area of the student's choice; passing of three days of written comprehensive examinations.

EC 1-2 PRINCIPLES OF ECONOMICS (2, 2)

Dr. Nemethy

Introduction to the basic concepts of economics and the fundamental institutions of economic society.

EC 33 MICRO-ECONOMIC ANALYSIS (3)

Mr. Krier

Micro-Economics: Price theory and distribution analysis.

EC 34 MACRO-ECONOMIC ANALYSIS (3)

Mr. Krier

Classical, Keynesian and Post-Keynesian aggregative analysis.

EC 36 STATISTICS (3)

Dr. Nemethy

Statistical methods as used in economics. Collection and presentation of data, index numbers, time series analysis, measurements of central tendency and dispersion. The normal curve and statistical inference. Measurements of simple linear correlation.

EC 37-38 AMERICAN POLITICAL ECONOMY (2, 2)

Mr. Conway

The most significant areas of economic thought and policy are examined in their historical context. Among the topics explored will be: Foreign Trade Theory and Tariff; Business Cycle Theory and Depressions; Trade Unions, Labor and the Law; Transportation; Agriculture; Monopoly, Trusts and Government Control. This course may be elected by any students in the social sciences.

EC 39-40 THE FOUR "ISMS" (3, 3)

Dr. Nemethy

Study of the theories, origins, history and practices of Capitalism, Communism, Socialism, National Socialism.

EC 41 MONEY AND BANKING (3)

Mr. Krier

A study of the history of banking. Emphasis will be placed upon the analysis of deposit creation and central banking. An analysis of the objectives and effectiveness of modern monetary policy.

- EC 43 INTERNATIONAL ECONOMIC RELATIONS (3) *Mr. Krier*
 Analysis of the basic theory of international trade and the problem of international disequilibrium. Offered 1967-68.
- EC 44 LABOR ECONOMICS AND PROBLEMS (3) *Dr. Nemethy*
 Theories of wages and employment. Wages and wage supplements. History of the labor movement. Labor legislation. Controversial issues in labor relations. Social security and social insurance. International labor organizations. The social encyclicals. Human relations in industry. Offered 1967-68.
- EC 45 ACCOUNTING (3) *Dr. Parente*
 Organization and use of accounting records; construction and interpretation of balance sheets and statements of revenue and expense; other selected topics. Offered 1967-68.
- EC 46 INTERMEDIATE ACCOUNTING (3) *Dr. Parente*
 Logical continuation of Accounting. Emphasis on partnership and corporate forms of enterprises. Partnership formation, management, and liquidation. Corporate organization, capital stock, dividends, retained earnings, and long-term obligations. Payroll and taxes. Economic analysis and evaluation of accounting statements and reports. Offered 1967-68.
- EC 47 INDUSTRIAL ORGANIZATION (3) *Mr. Krier*
 A study of the composition of American industry with special emphasis on resource allocation and monopoly.
 Prerequisite: Ec 33.
- EC 48 BUSINESS CYCLES (3) *Mr. Krier*
 A study of the factors influencing business cycles. The course will employ both Keynesian and non-Keynesian models.
- EC 49 CORPORATE FINANCE (3) *Dr. Parente*
 Methods and practices that influence the formulation and determination of corporate policy. Timing, means of financing, and economic implications involved in obtaining capital funds for optimum use.
- EC 50 INVESTMENT PRINCIPLES (3) *Dr. Parente*
 Portfolio development based on evaluation of types of securities, investment media, risks, values, standards for stock selections, and individual economic objectives. Independent research and readings dealing with realistic stock market problems and related economic and financial implications for the investor. Dollar averaging and Dow Theory.
- EC 51-52 HISTORY OF ECONOMIC THOUGHT (3, 3) *Mr. Krier*
 Traces development of economic theory from the classical to the modern period. Attention is given to historical economics, institutional economics, national income economics, and the American economic school. Offered 1967-68.
- EC 53 EUROPEAN ECONOMIC HISTORY (3) *Mr. Krier*
 A survey of the rise and development of economic institutions to the present day.
- EC 56 ECONOMICS SEMINAR (2) *Mr. Krier*
 Analysis of current economic problems.
- PSY 41 INDUSTRIAL PSYCHOLOGY (3) *Mr. Lyons*
 See page 56 for description.

ENGLISH

Requirements for majors: Eng 15, 16, and 17 in Sophomore year; Eng 35-36 in Junior or Senior year; Eng 41-42 in Junior or Senior year; Eng 109 in Senior year; Freshmen intending to major in English are required to take Eng 3-4 as an elective. Students are required to complete a minimum of eight semesters of upper-division courses with a grade of C or better, none of which may be completed as a summer course; passing of three days of written comprehensive examinations.

ENG 1-2 FRESHMAN ENGLISH (3, 3)

Mother White, Mr. Daniels,

Mother Grant, Mrs. Farnham, Mrs. Brandfon

A course required for all Freshmen. Instruction in the elements of English composition through frequent practice in the writing of themes based on selected major works of world literature from Homer through Cervantes. The initial reading of these major works will be done for *The Study of Western Culture* course.

ENG 3-4 HISTORY OF ENGLISH LITERATURE (3, 3)

Mrs. Farnham

A survey of English literature designed to give the student a background for more specialized courses. Required for Freshmen who wish to major in English.

ENG 15 INTRODUCTION TO LITERARY THEORY (3)

Mother Maguire

Reading and discussion of modern theories of the nature and function of literature.

ENG 16 INTRODUCTION TO LITERARY METHOD (2)

Mother White

Introduction to the tools and methods of research in the field of English. Detailed instruction in the planning and execution of the research paper.

ENG 17 OLD ENGLISH LANGUAGE AND LITERATURE (3)

Mother White

Introduction to Old English grammar; reading, analysis and discussion of Old English poetry and prose in the original and in translation.

ENG 32 HISTORY OF THE ENGLISH LANGUAGE (2)

Mrs. Webster

A "diachronic" survey of English from 449 to 1966 or 1967 including as much history of the periods as seems pertinent; and study of samples from each period. "Synchronic linguistics": phonology, vocabulary, grammar, idiom,—handwriting and spelling;—with the corresponding diachronic phenomena of phonetic change, semantic extension, etc.

ENG 35-36 FOURTEENTH CENTURY ENGLISH LITERATURE (3, 3)

Mother White

First semester: Readings in Chaucer with background study of the fourteenth century. Second semester: Langland, the Pearl Poet, the English mystical writers, the cyclical plays. Offered 1967-68.

ENG 39 SIXTEENTH CENTURY ENGLISH LITERATURE (3)

Mother White

Study of the poetry and prose of the early Renaissance in England. Continental backgrounds.

ENG 40 SPENSER (3)

Mother White

Reading and analysis of the minor poems and the *Faerie Queene*.

ENG 41-42 SHAKESPEARE (3, 3) *Mother Maguire*
The histories, comedies, and tragedies are read and separately studied, together with current critical interpretations.

ENG 51 SEVENTEENTH CENTURY ENGLISH LITERATURE (3) *Mother White*
Study of poetry and prose of the late Renaissance in England. Offered 1967-68.

ENG 52 MILTON (2) *Mother White*
Reading, analysis, and discussion of Milton's poetry and prose. Offered 1967-68.

ENG 63-64 EIGHTEENTH CENTURY STUDIES (3, 3) *Mr. Daniels*
Fall semester: Restoration and Eighteenth Century comedy. Defoe. *Spring semester:* the novel, Richardson through Sterne.

ENG 71-72 THE ROMANTICS (3, 3) *Mr. Daniels*
Study of the major writers, Blake through Carlyle. Special emphasis will be given to Wordsworth and Byron, Keats and Lamb. Offered 1967-68.

ENG 73-74 THE VICTORIANS (3, 3) *Mr. Daniels*
Study of the major writers, Tennyson through the early Yeats. In the second semester special emphasis will be given to Ruskin, Morris, Pater, and the later poets.

ENG 75-76 NINETEENTH CENTURY ENGLISH NOVEL (3, 3) *Mother Maguire*
Extensive reading and discussion of English novels of the nineteenth century. A critical rather than historical course.

ENG 78 THE NOVELS OF JANE AUSTEN (3) *Mother Maguire*
A detailed study of the novels and of critical estimates of the work of Jane Austen. Offered 1968-69.

ENG 81 HAWTHORNE, MELVILLE AND POE (3) *Mrs. Brandfon*
An analysis of the works of these three writers. Offered 1967-68.

ENG 82 SOUTHERN AMERICAN LITERATURE: FROM TWAIN TO FAULKNER (3) *Mrs. Brandfon*
A study of nineteenth century southwestern literature culminating in Mark Twain and of the renaissance of Southern writers in the twentieth century. It includes such authors as George Cable, George Harris, A. B. Longstreet, Katherine Anne Porter, Tennessee Williams, Eudora Welty and others. Offered 1967-68.

ENG 85 MAJOR NOVELS OF HENRY JAMES (2) *Mother Maguire*
Reading and discussion of six of Henry James's later novels, with stress on their structure and style, and on their influence on the forms of the twentieth century novel. Offered 1968-69.

ENG 91-92 MODERN NOVEL (3, 3) *Mother Maguire*
Extensive reading and discussion of English and American novelists of the twentieth century. Offered 1967-68.

ENG 93-94 MODERN DRAMA (3, 3) *Mother Maguire*
Extensive reading and discussion of English, Irish, American and some continental dramatists of the twentieth century.

ENG 95-96 MODERN POETRY (3, 3)

Mother Maguire

A study of the more important English and American twentieth century poets and schools of verse writing.

ENG 101-102 ADVANCED PROSE COMPOSITION (2, 2)

Mother Maguire

Class discussion and criticism of 1500-word papers written every two weeks by members of the class.

ENG 103-104 SHORT STORY WRITING (3, 3)

Mother Maguire

Class discussion and criticism of stories written every two weeks by members of the class.

ENG 105-106 VERSIFICATION (2, 2)

Mother Maguire

A study of verse forms with frequent verse-writing assignments.

ENG 109 ENGLISH SEMINAR (2)

Mother White

Reading and analysis of critical writings through the twentieth century. Required of Seniors majoring in English.

ENG 115-116 AMERICAN LITERATURE (3, 3)

Mrs. Brandfon

Reading and analysis of American poetry and prose.

ENG 117-118 POST-WORLD WAR II BRITISH AND AMERICAN NOVEL (2, 2)

Mother Maguire

Reading and discussion of novels by authors who have made their reputation since the war, and of the later novels of authors already well-known before the war. Reading of one novel a week. Class meets two hours a week. Open to any Junior or Senior. No permission to audit. Offered 1968-69.

FOREIGN LANGUAGES

In this program the student takes courses in either two or three foreign languages. Emphasis is placed on language skills predominantly, but some literature is required. Each student may advance as rapidly as her knowledge permits; her program of studies, however, should be discussed with a Foreign Language professor before classes begin. The requirements are as follows: the foreign language courses should be completed with a grade of C or higher; a minimum of 60 semester hours for a program of two languages and 64 semester hours for a program of three languages; a satisfactory senior essay in an area of the student's first language or the translation of an English work into her first language; and finally four days of combined written and oral comprehensive examinations in her first and second languages.

ML 1-2 INTRODUCTION TO LINGUISTICS (2, 2)

Dr. DiBenedetto

This course, to be taken by all Foreign Language majors, will provide for special assignments in the individual target language. It will be concerned with the following: theories of language; descriptive linguistics (phonetics and phonology); structural linguistics (morphology and syntax); the nature of words; comparative structural linguistics; essential of historical linguistics.

FRENCH

Requirements for majors: Students planning to major in French should consult with a member of the Department as soon as possible to arrange for a schedule of courses geared to their needs and interests. A grade of C or better must be achieved in all the courses numbered 30-36 and in six other upper-division courses selected by the student with the approval of the Department. In addition a senior essay must be satisfactorily completed, ML 1-2 must be passed and the passing of a comprehensive examination is required.

FR 1-2 ELEMENTARY FRENCH (5, 5)

Mme. Erdely

For the student with little or no previous knowledge of French who wishes to achieve a basis for an active command of the language. The first few months of the course will be devoted to aural-oral adaptation and to the study of fundamental speech patterns. In the second semester more stress is placed on the acquisition of reading and writing skills.

FR 3-4 LOWER INTERMEDIATE FRENCH (3, 3)

Mme. Courtois

This course is intended to develop the four skills of the language: understanding, speaking, reading and writing. Systematic and thorough review of French grammar.

FR 5-6 ADVANCED INTERMEDIATE FRENCH (3, 3)

Mr. LeBeau

For the students whose purpose is to acquire aural-oral skills, acquire greater competency in reading and oral comprehension of French, and increase their command of written French.

FR 7-8 INTERMEDIATE CONVERSATION (3, 3)

Mme. Erdely

For those students whose previous training in French centered about the written aspect of the language. An intensive study of organized vocabulary, idiomatic expressions, and discussions on everyday topics.

FR 31 FRENCH PHONETICS AND DICTION (3)

Mme. Courtois

A brief review and analysis of all French speech sounds. A study of intonation, rhythm, accent and movement for the expressive reading of prose and poetry. Practical and systematic exercises in pronunciation, intonation, and in the reading of prose and poetry. Conducted in French.

FR 32 ADVANCED FRENCH CONVERSATION (3)

Mme. Courtois

This course is designed for students who wish to improve their conversational ability. Class discussions, intensive training in the use of correct grammatical and idiomatic constructions. Language laboratory drill required.

FR 33 ADVANCED FRENCH COMPOSITION (3)

Mme. Courtois

Introduction to the varied types of literary composition in French: narration, description, *analyse littéraire* and *dissertation littéraire*. Free composition in each of these types of composition will be required from the student. Offered 1967-68.

FR 34 ADVANCED STYLISTICS AND TRANSLATION (3)

Mme. Courtois

A comparative linguistic study of French and English. A method of translation which, by the use of systematic principles, enables the student to progress from a merely literal to a literary translation. Offered 1967-68.

FR 35-36 SURVEY OF FRENCH LITERATURE (3, 3) *Mme. Courtois*
A historical and critical study of the important literary movements and the most representative authors of French literature from the Middle Ages to the Twentieth century. Extensive reading.

FR 37-38 FRENCH CIVILIZATION (3, 3) *Mme. Courtois*
The purpose of this lecture course is to give the student a general knowledge of the historical and cultural background of France, some notions of its geographical aspects, the growth of its arts, sciences, and institutions. Outside reading. Offered 1967-68.

FR 41 LITERARY TRADITIONS OF THE FRENCH MIDDLE AGES (3) *Mr. LeBeau*
The origins and developments of the main *genres* of Old and Middle French literature. Extensive outside readings. Offered 1967-68.

FR 42 EUROPEAN HUMANISM AND THE FRENCH RENAISSANCE (3) *Mr. LeBeau*
French literature of the sixteenth century as seen through the historical perspective of Northern and Southern Humanism. Social and moral criticism of Erasmus and More, the *satires and sermons joyeux*, Rabelais, the doctrines of the Pléiade poets. Offered 1967-68.

FR 43 CORNEILLE, RACINE, MOLIÈRE (3) *Mme. Courtois*
The development of the classic theater; new theories of the dramatic, the tragic and the comic; comparisons with forms of drama developed in other countries at different times.

FR 44 MONTAIGNE, DESCARTES, PASCAL (3) *Mr. LeBeau*
The quest for individualism, reason, and faith as seen in three French *moralistes*.

FR 45 THE AGE OF ENLIGHTENMENT (3) *Mr. LeBeau*
An investigation of the changing concept of man and its influence on social and political thought.

FR 47 THE ROMANTIC REVOLT (3) *Mr. LeBeau*
The emergence of the modern temper from the psychological and moral crises which occurred at the turn of the nineteenth century, as seen principally in the poetry of the Romantic era.

FR 49 BAUDELAIRE AND MODERN POETRY (3) *Mme. Erdely*
An insight into the symbolist, surrealist and contemporary poetical expressions; including such poets as Baudelaire, Verlaine, Rimbaud, Mallarmé, Apollinaire, Eluard, Aragon. Offered 1967-68.

FR 51 FRENCH LITERARY CRITICS AND CRITICISM (3) *Mr. LeBeau*
A course designed to introduce students to the history and modern currents of French literary criticism. Offered in 1967-68.

FR 52 THE GENERATION OF PROUST (3) *Mme. Erdely*
Extensive readings and discussions of the works of Proust as well as selected works by Paul Valéry and Paul Claudel. Offered 1967-68.

FR 53 NINETEENTH CENTURY FRENCH NOVEL (3) *Mme. Erdely*
The impact of new scientific developments upon the writer's conception of the novel. Readings from Balzac to Zola.

FR 54 TWENTIETH CENTURY FRENCH NOVEL (3) *Mme. Erdely*
The effects of changes in philosophical outlook and literary aesthetics in France on the novel in the twentieth century.

FR 56 MODERN FRENCH THEATRE (3) *Mme. Courtois*
Discussion of plays from the French theater since 1920 by Lenormand, Jules, Romains, Cocteau, Giraudoux, Montherlant, Anouilh, Camus and Sartre.

FR 58 SEMINAR IN FRENCH LITERATURE *Mr. LeBeau*
Topic to be announced. Offered in 1967-68.

GERMAN

Requirements for major: A minimum of eight upper-division courses completed with a grade of C or better; a satisfactory Senior Thesis in an area of the individual student's choice; the passing of three days of combined oral and written Comprehensive Examinations.

GER 1-2 ELEMENTARY GERMAN (5, 5) *Mrs. Afan*
Essentials of grammar and reading course. Oral practice and language laboratory drills.

GER 3-4 INTERMEDIATE GERMAN (5, 5) *Dr. Taxer*
Works of literary merit and cultural interest will be read. Complete grammar review. Conducted primarily in German.

GER 5-6 SCIENTIFIC GERMAN I (3, 3) *Dr. Taxer*
For those concentrating in the sciences and mathematics. Study of basic grammar and syntax. Development of vocabulary. Readings in biology, chemistry, physics, and mathematics.

GER 7-8 SCIENTIFIC GERMAN II (2, 2) *Dr. Taxer*
Further development of reading proficiency. Translation of articles from scientific journals.

GER 31-32 GERMAN CONVERSATION (2, 2) *Mrs. Afan*
Practice in the oral use of the language. Intensive study of vocabulary, idiomatic expressions, and phonetics.

GER 33-34 GENERAL VIEW OF GERMAN LITERATURE (3, 3) *Dr. Taxer*
Lectures in German; reading and discussion of typical works of each period. *Fall semester:* German literature from the medieval period to Goethe. *Spring semester:* German literature from Romanticism to the present day. Offered 1967-68.

GER 35-36 EARLY GERMAN LITERATURE (3, 3)
An introduction to German literature from medieval times to the end of the 17th century. Readings from typical works of each period. Lectures in German. Offered 1967-68.

GER 37-38 GERMAN LITERATURE IN THE 18TH CENTURY (3, 3) *Dr. Taxer*
Lectures in German on nature and background of 18th century. Reading and discussion of representative works with emphasis on Lessing, Goethe, and Schiller.

GER 39-40 GERMAN LITERATURE OF THE 19TH CENTURY (3, 3) *Dr. Taxer*
From Romanticism to Naturalism. Development of the drama, the lyric, and the novel. Extensive readings from representative authors. Conducted in German. Offered 1967-68.

GER 41-42 CONTEMPORARY GERMAN LITERATURE (3, 3) *Dr. Taxer*
Literary trends in Germany and Austria from 1885 to the present. Conducted in German.

GER 43-44 ADVANCED GERMAN COMPOSITION AND CONVERSATION (2, 2) *Dr. Taxer*
Continued practice in writing and speaking with an introduction to the study of linguistics. Oral and written reports on selected topics.

HISTORY

Requirements for majors: His 1-2, 3-4, 5-6 and twelve upper-division courses selected to give knowledge of each of the following areas which correspond to the sections of the comprehensive examinations: (1) ancient, medieval, and modern European history; (2) history of the United States, including constitutional and diplomatic; and (3) Latin American, Russian, and Far Eastern history. The Advanced Test in History of the Graduate Record Examination is required as the fourth part of the comprehensive examinations. Students should plan their programs so that they complete their prerequisites during the first two years of college and take three history courses during each of their last four semesters. They may not take more than three history courses any semester without special permission from the Department Chairman. A satisfactory Senior Essay must be submitted.

Requirements for History majors concentrating in American Studies:
See below, page 44.

HIS 1-2 DIRECTED STUDY IN ANCIENT AND MEDIEVAL HISTORY (2, 2) *Mother Grant*
Assigned reading and examinations to supplement the political history covered in R G 1-2 The Study of Western Culture I. Required of Freshmen who intend to major in history.

HIS 3-4 DIRECTED STUDY IN MODERN EUROPEAN HISTORY (2, 2) *Mother Quinlan*
Assigned reading and examinations to supplement the work done in political history in R G 3-4 The Study of Western Culture II. Required of Sophomore history majors.

HIS 5-6 POLITICAL, SOCIAL, ECONOMIC AND CULTURAL HISTORY OF THE UNITED STATES (4, 4) *Dr. McGovern, Mr. Conway*
Describes and analyzes the evolution of American society with emphasis on those cultural forces which have helped to promote social change. Students will be required to read independently and complete assigned research projects in order to develop a command of historical fact and theory as well as an appreciation of the development of American civilization.

HIS 31-32 ANCIENT HISTORY (3, 3) *Mrs. Williams*
A survey of the history and civilization of the ancient world from their

origins in the Near East to their fullest development in Greece and Italy. Emphasis is placed upon an understanding of the nature of ancient sources and upon the contributions of archaeology. Offered 1967-68.

IHS 33-34 CLASSICAL AND HELLENISTIC GREECE (3, 3) *Mrs. Williams*
A study of Greece in the fifth and fourth centuries B.C. with emphasis upon Athens and the intellectual developments which brought about the Hellenistic world including an intensive study of the significance of Alexander the Great for the formation of the Hellenistic East. Offered 1967-68.

IHS 35-36 ROMAN REPUBLIC AND EMPIRE (3, 3) *Mrs. Williams*
A study of the growth of Rome from its early settlement to its position as a world power. Emphasis will be placed upon primary ancient sources for their contributions to our cultural, social, economic, and political knowledge of Rome.

IHS 41-42 HISTORY OF MEDIEVAL CIVILIZATION (3, 3) *Dr. Gleiman*
Selected problems of the Latin Middle Ages with consistent reference to the sources available in English translation. The political, social, cultural and religious background of the emerging European world up to the Renaissance. Problem of the possibility of a "Christian culture." Introduction to the Byzantine, Islamic, Jewish and Slav areas.

IHS 43-44 SEMINAR IN MEDIEVAL CIVILIZATION (4, 4) *Dr. Gleiman*
Individual treatments of selected topics in the Latin Middle Ages under personal supervision by the instructors. An intensive initiation into historical techniques required for this period will be provided. This will be followed by concentrated reading of sources and studies, presentations of research papers in selected areas of socio-political, literary, intellectual, and religious history. Individual and collective meetings will be arranged. Research may be used as a basis for the Senior Essay. Students anticipating taking this course should plan ahead to take a light program of studies during the spring semester while carrying this course. Offered 1967-68.

IHS 51-52 HISTORY OF EUROPE 1500-1815 (3, 3) *Mrs. McHugh*
Political and social history of the early modern period. Offered 1967-68.

IHS 53-54 HISTORY OF EUROPE 1815 TO THE PRESENT (3, 3) *Mrs. McHugh*
A survey of European history since the Congress of Vienna with emphasis on the development of national states and the "balance of power"; European imperialism in Asia and Africa; international rivalries and the two World Wars; the growth of secularism and totalitarian ideologies.

IHS 56 WESTERN HISTORIANS OF THE TWENTIETH CENTURY (1) *Dr. Engel-Janosi*
Historiographical developments in Western Europe in the twentieth century. Open to all students.

IHS 57-58 CULTURAL TRADITIONS OF THE FAR EAST (3, 3) *Dr. McGovern*
An intellectual history of the philosophies, religions, art forms, social and governmental structures of China and Japan to approximately 1300 A.D.

IHS 61-62 MODERN AND CONTEMPORARY RUSSIAN HISTORY (3, 3) *Mr. Roodkowsky*
An analysis of the main political and institutional, cultural and intellectual currents in the formation of modern Russia. The origin and development of

the social and revolutionary movements. The Revolution of 1917, and the rise of the Soviet state. The structure, function, and techniques of the Soviet system. Intensive reading of sources available in English.

HIS 63-64 LATIN AMERICAN HISTORY (3, 3) *Mrs. de Kudisch*
A survey of Latin American culture and history from pre-Columbian times until the present. Offered 1967-68.

HIS 69-70 CONTEMPORARY LATIN AMERICAN PROBLEMS (3, 3) *Mrs. de Kudisch*
Examination of selected contemporary problems including United States-Latin American relations, regional organizations, political and social problems.

HIS 73-74 AMERICAN CONSTITUTIONAL DEVELOPMENT (3, 3) *Mother McMullen*
This course aims to give the student an understanding of the processes—political, legal, economic, social—whereby the United States is evolving from a federal union into a unitary state, characterized by democratic socialism and welfarism. The role of the Supreme Court is given special attention.

HIS 75-76 AMERICAN FOREIGN POLICY (3, 3) *Mother McMullen*
An historical study of the foreign policy of the United States from the Declaration of Independence to the present time.

HIS 77 FRANKLIN D. ROOSEVELT (3) *Mother McMullen*
A history of the Great Depression and the Roosevelt policies in response thereto; the development of certain of these measures of recovery and reform into the welfarism of The Great Society. Offered 1967-68.

HIS 78 AGE OF REFORM (3) *Mother McMullen*
Origin and development of the Progressive Movement, 1877-1917; industrialism and American democratic institutions; growth of the reform spirit; decline of laissez-faire capitalism.

HIS 79-80 READINGS AND DISCUSSIONS IN TWENTIETH CENTURY AMERICAN SOCIAL AND INTELLECTUAL HISTORY (2, 2) *Dr. McGovern*
This course aims to familiarize the student with the basic and important materials of American social and intellectual history for the period, considers such topics as Social Darwinism, Socialism, Realism and Naturalism, the Progressive Era, the Un-Normalcy of the Twenties, the "New Women" of the thirties, the New Liberals and Conservatives, the Negro Revolt, etc., with particular stress on the interaction between the intellectuals and their social environment.

HIS 89-90 AMERICAN HISTORY SEMINAR (3, 3) *Mr. Conway, Dr. McGovern, Mother McMullen*
An examination in depth of certain significant political, economic, social, intellectual and diplomatic developments of American society between 1896 and 1960. This will involve training in the methods of historical research, assigned readings, oral reports and class discussion. Specific topics for individual study will be agreed upon and assigned to each student. Students without prior preparation in American history will be admitted to this course only with permission of the instructors.

AMERICAN STUDIES

Dr. McGovern, Director

The American Studies program forms part of the history major. The

pre-major courses are the same as are taken by history majors: His 1-2, 3-4, 5-6. In addition the student in American Studies must have a grade of C or better in twelve semester courses, including His 73-74 and 89-90, chosen to prepare her for the comprehensive examinations which are divided as follows: (1) political, social and diplomatic history of the United States; (2) economic and constitutional history of the United States and American Government; (3) American culture (art, literature, philosophy, etc.); (4) the Advanced Test in History of the Graduate Record Examinations. The student must write a satisfactory Senior Essay in the American field to complete the requirements of the program.

ITALIAN

IT 1-2 ELEMENTARY ITALIAN (3, 3)

Dr. DiBenedetto

Foundations of Italian grammar and composition. Conversation and laboratory.

IT 3-4 INTERMEDIATE ITALIAN (3, 3)

Dr. DiBenedetto

Advanced Italian grammar, syntax, and stylistics. Advanced oral practice based upon topics assigned as composition which the student will prepare prior to discussion in class. Laboratory.

IT 31-32 ITALIAN LITERATURE I (3, 3)

Dr. DiBenedetto

Precettiva letteraria italiana (Literary precepts). Nozioni di estetica (Principles of aesthetics). Il linguaggio letterario (The literary language). Metrica (Physical structure of Italian poetry). Survey of Italian literature from the 13th century to the 15th century with special emphasis on Dante, Petrarca, Boccaccio, Lorenzo dei Medici, Pulci, Poliziano, Sannazzaro, Boiardo, Ariosto, Tasso. Conducted in Italian. Offered in 1967-68.

Prerequisite: It 1-2 and It 3-4.

IT 33-34 ITALIAN LITERATURE II (3, 3)

Dr. DiBenedetto

A continuation of the first course in Italian literature. Survey from the 16th century to the 20th century with detailed study of Marino, Goldoni, Alfieri, Foscolo, Manzoni, Leopardi, Carducci, D'Annunzio, Pirandello. Conducted in Italian.

MATHEMATICS

Requirements for majors: Math 11-12, 13-14, 21-22, 23-24, 31-32, 33-34, 43-44; two years of Scientific German or Russian; a translation of a mathematical article from German or Russian (taking the place of the thesis required in other fields) to be corrected jointly by the Department of Mathematics and the appropriate Language Department; passing of two days of comprehensive examinations. Students majoring in mathematics are urged to take the Actuarial Examinations and the Graduate Record Examination Advanced Test in Mathematics. The first day of comprehensive examinations will be

waived for those students who either have passed the Actuarial Examination or received a satisfactory score on the Graduate Record Examination Advanced Test in Mathematics.

MATH 11-12 CALCULUS AND ANALYTIC GEOMETRY (3, 3) *Mr. Preskenis*
Study of function, limit, integral, lines, planes and conic sections.

MATH 13-14 BASIC CONCEPTS OF MATHEMATICS (2, 2) *Mr. Lubenec*
Elementary study of sets, relations, functions with applications to probability.

MATH 15-16 CALCULUS I (for students in Biology and Chemistry) (3, 3) *Mr. Scott*
A course in calculus designed to show the applications generally made in biology and chemistry.

MATH 17 MATHEMATICS FOR PSYCHOLOGY MAJORS (3) *Mother McDonnell*
Introduction to logic, sets, functions, partitions, probability, matrices, applications to social sciences.

MATH 21-22 INTERMEDIATE CALCULUS (3, 3) *Mr. Lubenec*
Functions of several variable, multiple integrals, differential equations.
Prerequisite: Math 11-12.

MATH 23-24 LINEAR ALGEBRA (2, 2) *Mr. Preskenis*
A study of finite dimensionals vector spaces, linear transformations, matrices, determinants and systems of linear equations.
Prerequisite: Math 13-14.

MATH 25-26 CALCULUS II (for students in Chemistry) (3, 3) *Mr. Scott*
A continuation of Math 15-16.

MATH 27-28 MATHEMATICS FOR ECONOMICS MAJORS (2, 2) *Mother McDonnell*
Trigonometry and analytic geometry: determinants, derivatives and applications; the definite and indefinite integral; transcendental functions.

MATH 31-32 ADVANCED CALCULUS (3, 3) *Mr. Preskenis*
Elementary point set topology, continuity, functions of several variables, Stieltjes integral, line integrals, infinite series and products.
Prerequisite: Math 21-22.

MATH 33-34 ALGEBRA (3, 3) *Mr. Lubenec*
Selected topics from the theories of Groups, Rings and Fields.

MATH 41-42 INTRODUCTION TO REAL VARIABLES (3, 3) *Mr. Lubenec*
Naïve Set Theory, Lebesgue measure and integration, topological spaces.
Prerequisite: Math 31-32.

MATH 43-44 FUNCTIONS OF THE COMPLEX VARIABLES (3, 3) *Mr. Preskenis*
A study of complex analysis including: Cauchy-Riemann equations, contour integration, Laurent series, calculus of residues, conformal mapping, Dirichlet problem.
Prerequisite: Math 31-32.

MATH 75-76 INTRODUCTION TO COMPUTER SCIENCE (2, 2) *Mr. Morse*
An introduction to computers, their applications and techniques. Programming languages will be analyzed and discussed including Fortran and Cobol.

ED 9-10 THEORIES AND CONCEPTS OF MODERN MATHEMATICS (2, 2)

Mother McDonnell

See description on page 63.

Students majoring in mathematics may take Physics 1-2.

MUSIC

MUS 1-2 THE ART OF LISTENING TO MUSIC (2, 2)

Mrs. Balling

Designed primarily for those students who have little or no formal musical training. The course will acquaint the student with notation, meter, rhythm and basic knowledge of musical elements, terms and form. It offers introduction to great works of various periods and composers. Study of music via live concerts, performances, records, TV and radio. Some written reviews and reports are required.

MUS 3-4 LITERATURE OF MUSIC (2, 2)

Mrs. Balling

The study of music through lectures, performance, analysis, listening and discussion. The evolution of music from basic rudiments to complex form. Study of characteristics of styles, trends, designs in music. Research assignments.

MUS 5-6 MUSIC THEORY (3, 3)

Mrs. Balling

Study of the fundamental elements of music: intervals, scales, triads; seventh chords and inversions, modulation by various means; harmonization of melodies and execution of figured basses. Analysis of baroque, classical and romantic music, as well as the new trends of the twentieth century music. Some creative writing.

MUS 7-8 COUNTERPOINT (2, 2)

Mrs. Balling

Fundamental principles of two-, three- and four-part polyphony. Inventions, choral figuration, fugues, canons and rounds, and free polyphonic forms.

Prerequisite: Music 5-6 or the equivalent.

MUS 11-12 ENSEMBLE PLAYING (2, 2)

Mrs. Balling

Workshop experience for string and woodwind players, who study in this class works of great masters by active participation. Beginners accepted.

MUS 13-14 PIANO (1, 1)

Mrs. Balling

Semester fees are not included in the regular tuition.

MUS 15-16 VOICE (1, 1)

Mrs. Balling

Semester fees are not included in the regular tuition.

MUS 17-18 MUSIC AND LITURGY (2, 2)

Mother White

Selection, analysis and performance of liturgical chants in the light of the *Constitution on the Sacred Liturgy*.

Note: Students in Mus 11-12, 13-14, 15-16 and 17-18 will be given grades of Pass or Fail.

PHILOSOPHY

Required Courses in Philosophy

All students must take the following courses in philosophy:

In Freshman Year, Phil 1, 2, 3; or Phil 1A, 2, 3.

In Sophomore Year, either Phil 4, 5 and 6; or Phil 9-10; or Phil 11-12.

PHIL 1 LOGIC (2)

Dr. FitzGibbon, Mr. Curran

A study of the operations of the human mind—abstraction, judgment and reasoning—with emphasis on the practical application of the laws of logic.

PHIL 1A INTRODUCTION TO MODERN LOGIC (3)

Dr. Kamoski

The importance of language in attempts to reason soundly, deduction; inductive procedures and scientific method; analogical arguments and probability inferences; causal connections; scientific explanations, observations, and experiment; symbolism and evaluation of extended arguments; introduction to propositional functions. Open only to Freshmen who have had Logic.

PHIL 2 COSMOLOGY (2)

Dr. FitzGibbon, Mr. Curran

A study of the relations between science and philosophy and the property of spatio-temporal being; followed by a comparison of the world of Aristotle, Newton and Einstein.

PHIL 3 METAPHYSICS (2)

Dr. FitzGibbon, Mr. Curran

The nature of metaphysical knowledge, potency and act, being in itself, the first principles and transcendental properties of being, the categories, change, nature and person.

PHIL 4 EPISTEMOLOGY (2)

Dr. FitzGibbon

The nature and object of knowledge; theories of knowledge compared; the order and integration of knowledge.

PHIL 5 PSYCHOLOGY (2)

Dr. FitzGibbon

Man's nature and powers; his origin and destiny; the nature and relationship of intellect and will.

PHIL 6 ETHICS (2)

Dr. FitzGibbon

The foundation of human freedom in Natural Law; the primacy of the individual over the State.

PHIL 9-10 PHILOSOPHY OF MAN (3, 3)

Mother Gorman

A study of man as being in the world of things and men, as knowing and loving, becoming and committed. The works of representative philosophers of the Aristotelian, Platonic, Pragmatic, Analytic and Existentialist approaches will be read and discussed.

PHIL 11-12 PHILOSOPHY OF MAN (3, 3)

Mme. de Lacoste

Man's origin and destiny; his nature, his knowledge as intuitive and rational, his existence and his freedom. The following philosophers will be read and discussed: Plotinus, Descartes, Kant, Kierkegaard, Bergson, Husserl, Heidegger, Sartre, Berdyaev and Teilhard de Chardin.

Requirements for Philosophy majors: A minimum grade of C in Phil 21-22 and in eight other courses offered by the Philosophy Department, plus whatever other courses, offered by any department, may be useful

or necessary in the preparation of the Senior Essay or for the final examinations. Courses accorded philosophy credit are PS 151-152; PS 31-32; Psy 54, Art 81-82. Students who plan to take the Graduate Record Examinations are strongly urged to take Phil 40 and Phil 53.

For the Comprehensive Examinations, the students must demonstrate knowledge of the thought and influence of the following philosophers:

Plato	St. Thomas Aquinas	Hume	Bergson
Aristotle	Descartes	Hegel	James
St. Augustine	Kant	Kierkegaard	Wittgenstein

The courses listed below deal with these philosophers both from the historical and "problem" points of view. Students are free to study one or more of these philosophers independently, but the examinations are set by the professor who is currently giving the course in which each is studied.

The Comprehensive Examinations are given as follows: An oral examination of one hour or a written examination of three hours in which the student is expected to compare the philosophy of St. Thomas Aquinas with that of any one other philosopher listed above. The purpose of this examination is to encourage each student to reach some personal and critical conclusions about these thinkers. Three three-hour written examinations are divided as follows: 1st day, the historical aspects including what each taught, wrote, and how he was related to his predecessors and successors; 2nd day, metaphysical, cosmological, psychological and ethical problems as they were treated by these philosophers; 3rd day, logical and epistemological problems with which they dealt. On each of these days there will be questions on four men, and the students must choose two. All twelve will appear on one or another day of each series.

PHIL 21 PLATO (3)

Dr. FitzGibbon

The Pre-Socratic influence on Plato; nature, aims and development of Plato's philosophy; the perennial value of the Platonic world view.

PHIL 22 ARISTOTLE (3)

Dr. FitzGibbon

The unique contribution of Aristotle to the development and solution of the basic philosophic problems; Plato and Aristotle compared; their role in the formation of the Christian philosophy of St. Thomas.

PHIL 30 ST. AUGUSTINE (3)

Dr. Gleiman

An introduction to the life, thought and influence of the great African Father. An attempt will be made to approach St. Augustine in the cultural context of his times, primarily through his *Confessions*, *De Doctrina Christiana* and *De Civitate Dei*. Sections of the course will deal with Plotinus and the Greek Fathers and with the Augustinian tradition.

PHIL 31 ST. THOMAS AQUINAS (3)

Dr. FitzGibbon

An attempt to understand the dominant principles of Thomism by reading and discussion of certain works of St. Thomas and by relating these to the other schools of scholastic philosophy current in the Middle Ages and to the contemporary philosophical scene. Offered 1967-68.

PHIL 35-36 MODERN PHILOSOPHY (3, 3)

Dr. FitzGibbon

From the Renaissance to Schopenhauer on the Continent; from Francis Bacon to Mill in Britain.

PHIL 37-38 EXISTENTIALISM (3, 3)

Mme. de Lacoste

Extensive readings of Kierkegaard, Heidegger, Sartre, Marcel. Directed study of one of the following Existentialists at the student's choice: Dostoevsky, Nietzsche, Jaspers, Buber, Unamuno, Ortega y Gasset, S. de Beauvoir, Camus, Tillich. Offered 1967-68.

PHIL 40 ANALYTIC PHILOSOPHY (3)

Dr. Kamoski

Background study of logical positivism and logical atomism. Detailed and systematic study of the thought of L. Wittgenstein as it is found in *Tractatus Logico-Philosophicus* and *Philosophical Investigations*. Wittgenstein's decisive influence on contemporary philosophy.

PHIL 41 CONTEMPORARY ANALYTIC PHILOSOPHY (3)

Dr. Kamoski

Systematic and comparative study of the works of B. Russell, G. E. Moore, and G. Wisdom. The influence of these works on contemporary philosophy in the light of some recent work in epistemology and metaphysics. Offered 1967-68.

PHIL 42 PHILOSOPHY OF SCIENCE (3)

Dr. Kamoski

Critical analysis of scientific methods with special reference to natural and behavioral sciences. Dispositional terms; causality. Detailed study in the logic and theory of scientific explanations. Mechanistic explanation and organismic biology; the role of functional and deductive explanations in the natural sciences, psychology, and sociology.

PHIL 43 PROBLEMS IN PHILOSOPHY OF SCIENCE (3)

Dr. Kamoski

Detailed and critical study of one or possibly two special problems in philosophy of science. In any given semester special topics will be chosen from among the following: the nature of scientific method; space, time, and relativity; natural science and language; the nature of laws and theories in science; models, theory construction, and the logic of scientific explanations; causality, determinism-indeterminism, and probability; philosophy of social sciences; philosophical problems of biology and psychology. May be taken independently of Phil 42. Offered 1967-68.

PHIL 44 AMERICAN PHILOSOPHY (3)

Mr. Curran

Jonathan Edwards to Sidney Hook inclusive. General historical trends, together with an analysis of the principal texts of William James, Josiah Royce, and John Dewey.

PHIL 45 PHILOSOPHY OF THE COMMUNITY (3)

Mr. Curran

A study of the communities of friendship, marriage, family, state, nation and church, and of their relations to one another.

PHIL 47 BERGSON AND TEILHARD DE CHARDIN (3) *Mme. de Lacoste*
 Bergson's reaction to the positivism of Herbert Spencer. His own theory of creative evolution. Teilhard de Chardin's evolutionary worldview, from cosmogenesis to christogenesis. Readings of the principal works of both philosophers.

PHIL 48 FAR EASTERN PHILOSOPHIES (3) *Mme. de Lacoste*
 Confucius, Mencius, Lao-Tsu, the Upanishads, the Baghavad Gita, the Yoga Sutras, Buddhism and Zen Buddhism.

PHIL 49-50 PHILOSOPHY AND HISTORY OF COMMUNISM (3, 3) *Mr. Roodkowsky*
 Development of the Communist movement from its beginnings in the French Revolution to its present crystallization in the Soviet Union. The ideas of the French precursors of Marx, the Young Hegelians, and the Early British Socialists. A study of Marx' and Engels' writings and their impact upon Russian thought. History of the Communist League, the First and Second International Russian revolutionary underground, and the formation of Leninism and Stalinism. A historical survey of philosophy (dialectical materialism) of the Soviet Union. Discussions of current trends in Soviet ideology.

PHIL 51 PHILOSOPHY OF MODERN MAN (3) *Mr. Curran*
 An approach to the metaphysics of man in modern thought; the phenomenology of the Ego as author of its acts. The historical character of human existence and its expression; contemporary relativism; reason and the irrational in contemporary life. Offered 1967-68.

PHIL 52 METAPHYSICS OF MAN AND SOCIETY (3) *Dr. FitzGibbon*
 An enquiry into the nature of person and society from a strictly ontological standpoint, emphasizing the free-will relationships among persons and the compulsory relationship between the person and civil society. Offered 1967-68.

PHIL 53 SYMBOLIC LOGIC (3) *Dr. Kamoski*
 Introduction to current methods of formal logic; propositional calculus and the theory of truth functions; normal schemata and Boolean normal forms; consistency and validity; duality. Properties and development of logistic systems. Functional calculus: uniform quantification and methods of natural deduction. Theory of descriptions. Logical and semantical paradoxes. Application and introduction to the theory of logic.

PHIL 54 ADVANCED SYMBOLIC LOGIC (3) *Dr. Kamoski*
 Completeness proof of quantification theory. Existence and singular inference; identity; descriptions. Number axioms and informal proof. Classes and axiomatic set theory; number; relations and functions; variant theories of classes and ultimate classes. Analysis of foundations of mathematics: formalism; intuitionism; logicism. Paradoxes: Russell's; Grelling; Skolem; Burali-Forti. Simple and ramified theory of types; other possible solutions of paradoxes. Three-value logic. Modal logic and necessity. Applications and theory of logic. Offered 1967-68.

Prerequisite: Phil 53.

PHIL 56 PHILOSOPHY SEMINAR (3)

Staff

Detailed, critical and systematic analysis of selected topics in Book 1 of *Summa Contra Gentiles*, in the light of recent commentaries. Special attention will be given to the following: arguments for God's existence (from motion, contingency and necessity); Aquinas' ontologism; concepts of contingency and necessity; self-evidence; and the problem of predication.

PHYSICS

PHY 1 PHYSICAL PRINCIPLES (4)

Dr. Weeks

This course is required for Freshman chemistry majors and for Junior biology majors.

PHY 2 PHYSICAL OPTICS (4)

Dr. Weeks

This course is required for Juniors majoring in chemistry or biology.

POLITICAL SCIENCE

Requirements for majors: A grade of C or higher in both semesters of the pre-major course, PS 23-24, to be taken in the Sophomore year and a grade of C or higher in at least eight semesters of upper-division courses listed among the offerings of the Department. The following upper-division courses in the field of Political Science are required: PS 31-32, PS 33-34, PS 36, PS 37, PS 51, and PS 100. Students taking these required courses at other institutions must pass an evaluation test to be administered by the Department. Students must also submit an acceptable Senior Essay on an approved topic and pass a written comprehensive examination given on three successive days and programmed for three hours each. Sophomores majoring in Political Science are encouraged to take Ec 1-2 or an equivalent course in an approved summer program.

There are no prerequisites for Freshmen intending to major in political science. They are advised to concentrate on a foreign language. This program goes into effect with the Class of 1969.

PS 2 AN INTRODUCTION TO POLITICAL SCIENCE (3)

Dr. Gleiman

A study of the leading ideas of the Western political tradition and their application to the analysis of contemporary political systems. Offered 1967-68.

PS 23-24 COMPARATIVE GOVERNMENT (3, 3)

Dr. de Lacoste

Analysis and comparison of foreign political systems; major European governments; problems of economic and political integration in Western Europe; governmental systems and problems of selected emerging nations in the Afro-Asian area.

PS 31-32 HISTORY OF POLITICAL THOUGHT (3, 3)

Dr. Gleiman

A study of some aspects of Western political thought in its socio-historical

context and its philosophical and/or religious assumptions, from the Greek polis to the present.

PS 33-34 AMERICAN GOVERNMENT (3, 3) *Mr. Conway*
First semester devoted to the Federal system with attention directed to the Constitution, civil rights, the presidency, Congress and the federal judiciary. Second semester concerns the state and local area with attention directed to the state constitutions, governorship, legislature; rural local government, the county and its traditional civil offices, state courts and municipal government.

PS 36 INTERNATIONAL LAW AND ORGANIZATION (3) *Dr. de Lacoste*
Theory and practice of international law; subjects of international law; nationality; jurisdiction; sources of international law; ways of settling disputes; structures and dynamics of international organizations.

PS 37 AMERICAN POLITICAL THOUGHT (3) *Mother McMullen*
American political theory as it gave rise to or developed out of selected clashes of issues and politics from colonial times to the present. The method is reading from American philosophers and statesmen, and the end is the tracing by the student of the political stream that has led into the Great Society. Offered 1967-68.

PS 39-40 INTERNATIONAL RELATIONS: 1945 TO PRESENT (3, 3) *Dr. de Lacoste*
Nature and methods of international relations; factors in international relations; power factors; foreign policy; security; diplomacy; ideologies; impact of the nuclear age; development of international organizations.

PS 42 CIVIL LIBERTY IN THE UNITED STATES (3) *Mother McMullen*
Studied analytically to determine its nature and extent, and historically to trace the assaults thereon and its development thereunder. Emphasis given to racial discrimination; freedom of speech, press and religion; the rise and decline of national security programs. Offered 1967-68.

PS 43 AMERICAN POLITICAL PARTIES (3) *Mr. Conway*
Nature and purpose of political parties; the history of major and minor political parties; party leadership and techniques; the suffrage. In order to emphasize current political developments, the content and continuity of this course will be varied from year to year. Offered 1967-68.

Prerequisite: PS 33-34 or PS 2.

PS 44 STATE AND LOCAL GOVERNMENT IN THE UNITED STATES (3) *Mr. Conway*
Seminar: state constitutions, fiscal practice, taxation, budgeting, governorship, electoral law, legislature, judiciary; city, county and town administration. Offered 1967-68.

PS 51 POLITICAL THEORY (3) *Dr. Gleiman*
A comparative topical study involving both empirical and theoretical questions concerning power, order, authority, legitimacy, state, sovereignty, federalism. Exploration of the scientific and of the philosophical foundations of political theories in the twentieth century; the impact of modern ideologies. Intensive reading program and four written assignments.

PS 53 PRINCIPLES AND METHODS OF POLITICAL SOCIOLOGY (3) *Dr. de Lacoste*
An introduction into selected areas of political sociology: a study of representative theorists; selected topics related to public opinion, voting patterns; propaganda. Offered 1967-68.

PS 61-62 MODERN RUSSIAN POLITICAL, SOCIAL, AND RELIGIOUS THOUGHT (3, 3)
Mr. Roodkowsky

A critical analysis of the main political, social, and religious currents of pre-Revolutionary Russian thought. An intensive study of Slavophilism, Westernism, Populism, Pan Slavism, and Nihilism and their role in Russian life. Interrelationship of the European and Russian cultures in the works of Danilevsky, Leontiev, and Schubart. A survey of the main tendencies in Russian religious thought. Reading and discussion of the basic works of Solovyov, Berdyaev, Bulgakov, Nicholas Lossky.

PS 100 POLITICAL SCIENCE SEMINAR (1) *Dr. Gleiman*
Individual oral and written treatments of selected topics, possibly related to the student's Senior Essay and to some aspects of theoretical relevance. Class discussions of each oral presentation. Open only to Seniors majoring in Political Science.

PS 101 TOTALITARIAN SYSTEMS (3) *Dr. Gleiman*
A reading-discussion course covering some issues related to the Rise of Totalitarian Movements, their ideological foundations and political practice. From the Millennial movements of the Late Middle Ages to the contemporary varieties of the Totalitarian Left and the Totalitarian Right. Selected reading assignments of sources and studies to be programmed for bi-weekly discussions. Individual consultations with the instructor upon request. Open to all Juniors and Seniors with the approval of the instructor.

PS 102 THE CHURCH AND MODERN POLITICAL ORDERS (3) *Dr. Gleiman*
A reading-discussion course covering some issues concerning the positions of the church in the modern political situation. From the French Revolution to the present. Selected reading assignments of sources and studies to be programmed for bi-weekly discussions. Individual consultations with the instructor upon request. Open to all Juniors and Seniors with the approval of the instructor.

PS 151-152 SECULARIZATION OF THE WESTERN WORLD (3, 3) *Dr. Gleiman*
Selected issues of contemporary intellectual and socio-political situation with special attention to the problematic phenomenon of the "de-Christianization of the Western World," to the contemporary myths of the "Death of God," to the genesis and nature of various ideologies in general and to the atheist humanism in particular. A sustained inquiry into areas of religious and philosophical anthropology and its possible relations to various socio-political movements, modern revolutions and to the myths of the future. Symptomatic significance of Marx, Nietzsche, Dostoevsky. The Personalist reaction of Emmanuel Mounier and of Christian involvement with special attention to the Second Vatican Council. Intensive reading program comprising a number of required basic works and then open to individual concentration on further readings in preferred areas. Open to all Juniors and Seniors with the approval of the instructor. Offered 1967-68.

Additional courses counting as upper division courses:

HIS 73-74 AMERICAN CONSTITUTIONAL DEVELOPMENT (3, 3) *Mother McMullen*
See page 44 for description.

HIS 75-76 AMERICAN FOREIGN POLICY (3, 3) *Mother McMullen*
See page 44 for description.

HIS 77 FRANKLIN D. ROOSEVELT (2) *Mother McMullen*
See page 44 for description.

HIS 69-70 CONTEMPORARY LATIN-AMERICAN PROBLEMS (3, 3) *Mrs. de Kudisch*
See page 44 for description.

EC 37-38 AMERICAN POLITICAL ECONOMY (2, 2) *Mr. Conway*
See page 34 for description.

PHIL 49-50 PHILOSOPHY AND HISTORY OF COMMUNISM (3, 3) *Mr. Roodkowsky*
For description see page 51.

PRE-MEDICAL STUDIES

Generally, a major in Chemistry and a number of courses in Biology should form the main part of the program, or a major in pre-medical sciences with emphasis on chemistry. However, variations are possible. A pre-medical student should make out her program in her Freshman year with the advice of the Dean and members of the Science Faculty, and in accordance with the entrance requirements of the medical schools to which she intends to apply.

PSYCHOLOGY

Requirements for majors: Math 17 and Psy 4 in Freshman year; Psy 11 and Psy 12 in Sophomore year; Psy 31, 32, 33, 34, 61-62 and in the Senior year Psy 63-64; a minimum of eight upper-division courses exclusive of Psy 63-64 must be completed with a grade of C or better; a satisfactory thesis in the area of the individual student's choice; passing of three days of Comprehensive Examinations; and a satisfactory score on the Graduate Record Examination in Psychology taken in the Junior or Senior year.

PSY 4 HUMAN ANATOMY (3) *Mr. Clay*
A study of all the systems of man including both gross and microscopic anatomy.

PSY 10 GENERAL PSYCHOLOGY (3) *Mr. Lyons*
A study of the major areas of psychology with an emphasis placed upon the social aspects of inquiry and research. An elective for non-psychology majors to be taken in any academic year. Open to Freshmen. Offered 1967-68.

- PSY 11 INTRODUCTION TO PSYCHOLOGY (3) *Mother Gorman*
A study of the chief problems of psychology and an introduction to methods of research.
- PSY 12 INTRODUCTION TO PSYCHOLOGICAL STATISTICS (3) *Dr. Wysocki*
An introduction to statistical terms and concepts; measures of central tendency, variability, and relationship; theory of sampling; reliability of statistical measures; regression and prediction.
- PSY 31 THEORIES OF PERSONALITY (3) *Dr. Hoffman*
A consideration of the major personality theories. Attention is given to their utility in understanding normal personality.
- PSY 32 PSYCHOLOGICAL TESTING (3) *Mr. Lyons*
A study of the principles of test construction. Review and appraisal of major objective and projective tests.
- PSY 33 HISTORY OF PSYCHOLOGY (3) *Mother Gorman*
A study of the philosophical bases of empirical psychology, its rise and development, with careful reading of the works of the great psychologists such as James, Watson, Pavlov, Tolman, Skinner, and Piaget.
- PSY 34 DEPTH PSYCHOLOGY (3) *Mother Gorman*
Readings and discussion of the works of Freud, Adler, Jung, Horney, Sullivan, Fromm and the existential analysts with emphasis on their theories of religion, creativity, and society.
- PSY 35 PHYSIOLOGICAL PSYCHOLOGY (3) *Dr. Levy*
A study of the effect of the systems of the body on the personality with major emphasis on the nervous system. This course presupposes a knowledge of human anatomy.
- PSY 38 DEVELOPMENTAL PSYCHOLOGY (3) *Mother Gorman*
Study of the emotional, moral, intellectual and social problems of each age from childhood through old age in the light of various theories of human development, especially those of Erikson, Piaget, Allport.
- PSY 40 SOCIAL PSYCHOLOGY (3) *Dr. Hoffman*
The study of infra-human and human interaction. Special attention to communication and person perception.
- PSY 41 INDUSTRIAL PSYCHOLOGY (3) *Mr. Lyons*
An investigation of social and psychological variables affecting employee-employer relations, personnel selection, and marketing of the product.
- PSY 44 LEARNING AND PERCEPTION (3) *Mr. Lyons*
A study of past and present research dealing with experimental problems and controversy in learning and perception.
- PSY 45-46 CLINICAL PROCEDURES (6) *Dr. Hoffman*
A year-long course offering one or two afternoons of field work and two lectures per week which will emphasize the relationship of the field experience to theoretical formulations of emotional problems. Students must enroll for both semesters. No credit will be given for one semester only.
- PSY 47 ABNORMAL PSYCHOLOGY (2 or 4) *Dr. Wysocki*
The purpose of this course is to describe, evaluate, and apply psychological principles which deal with pathological behavior; also to acquaint the stu-

dent with the psychological approach in the study of mental disorders and the ways of preventing the development of mental illness. Students who attend the Medfield State Hospital Undergraduate Field Training Program will receive two additional credits.

PSY 51 THE PSYCHOLOGY OF RELIGION (2) *Mother Gorman*
A study of the psychological aspects of religion as seen in recent studies in the fields of psychoanalysis, psychotherapy and psychology in general. Students will also be referred to the psychological writings of such philosophers as Kierkegaard, Buber and Marcel. Open to Juniors and Seniors.

PSY 53 GROUP DYNAMICS (3) *Dr. Hoffman*
Study of small groups and large organizations. Attention is given both theoretical formulation and empirical findings concerning group process. Offered 1967-68.

PSY 54 THEORIES OF THE SELF IN PSYCHOLOGY AND PHILOSOPHY (3) *Mother Gorman, Mme. de Lacoste*
An inquiry into the development of the idea of the self as seen by philosophers and psychologists from Descartes to the present day.

PSY 56 ADVANCES AND PROBLEMS IN THE STUDY OF THINKING (3) *Dr. Hoffman*
A consideration of the development and possible forms of cognitive process. Attention to language acquisition, curiosity and novelty, creativity and related phenomena. Offered 1967-68.

PSY 57 PROBLEMS IN THE CONCEPT OF IDENTITY (3) *Dr. Hoffman*
A study of the utility of the concept of identity. Consideration of the determinants of a sense of identity.

PSY 58 CULTURE AND PERSONALITY (3) *Dr. Hoffman*
Consideration of the complex inter-relationships between social and personal determinants of behavior.

Prerequisite: PSY 31 or PSY 40.

PSY 61-62 EXPERIMENTAL PSYCHOLOGY (3, 3) *Dr. Wysocki*
Basic concepts and development of experimental psychology. Introduction to experimental methods and writing research reports. Laboratory experiments in sensorimotor reactions, reaction time, association and learning processes, work and fatigue curve, emotional reactions, and social behavior.

PSY 63-64 SEMINAR IN PSYCHOLOGY (2, 2) *Department*
Current issues in psychology are explored and discussed.

MATH 17 MATHEMATICS FOR PSYCHOLOGY MAJORS (3) *Mother McDonnell*
See page 46 for description of this course which is required of Psychology majors, preferably in the Freshman year.

Depending upon their area of interest, Psychology majors are advised to take some of the following courses:

EC 1-2 PRINCIPLES OF ECONOMICS (2, 2) *Dr. Nemethy*
See page 34 for description.

ED 1-2 PHILOSOPHY OF EDUCATION (2, 2) *Dr. Clarke*
See page 62 for description.

ED 3,4 CHILD GROWTH, EDUCATIONAL PSYCHOLOGY (2, 2) *Dr. Wysocki*
See page 62 for descriptions.

SOC 1-2 GENERAL SOCIOLOGY (3, 3)

Dr. Nemethy

See page 59 for description.

SOC 37 CRIMINOLOGY AND JUVENILE DELINQUENCY (3)

Mr. Lyons

See page 59 for description.

Anthropology, sociology, and physics courses also are recommended.

Upper division credit is not given for courses in Education.

RUSSIAN

Requirements for majors: Rus 33-34, 35-36, 37-38, 39-40; a minimum of eight upper-division courses with a grade of C or better; a satisfactory Senior Essay in an area of the individual student's choice; the passing of three days of combined oral and written comprehensive examinations.

RUS 1 ELEMENTARY RUSSIAN I (5)

Mme. Kean

Simplified Russian Grammar supplemented by elementary reading from Graded Readers. One hour of language laboratory work required.

RUS 2 ELEMENTARY RUSSIAN II (5)

Mme. Kean

Continuation of Russian I. One hour of language laboratory work required.

RUS 4 SCIENTIFIC RUSSIAN (2)

Mme. Kean

Translation of scientific and technical texts.

Prerequisite: Rus 1.

RUS 9-10 INTERMEDIATE RUSSIAN (3.5, 3.5)

Mme. Kean

Advanced grammar. Intermediate reading of selected prose. Translation of magazine articles. One hour of language laboratory required.

RUS 33-34 RUSSIAN CONVERSATION I (2, 2)

Mrs. Afan

Elementary conversation with intense study of vocabulary and practice in speaking. Prerequisite: one year of Russian.

RUS 35-36 RUSSIAN CONVERSATION-COMPOSITION II (2, 2)

Mrs. Afan

Russian Conversation on advanced level, with review of grammar, and written compositions. Conducted entirely in Russian.

RUS 37-38 RUSSIAN LITERATURE IN ENGLISH TRANSLATION (3, 3)

Mr. Roodkowsky

A reading and critical analysis of the major works of Russian classics in English translation from Pushkin to Pasternak. Includes an examination of all Dostoevsky's major works. Discussion of the main tendencies in Russian thought. An attempt to understand through literature the development of Russian social and revolutionary movements which gave rise to the Bolshevik totalitarian system. Conducted in English.

RUS 39-40 THIRD YEAR RUSSIAN (3.5, 3.5)

Mme. Kean

The purpose of this course is to introduce the language student to Russian civilization: history, art, music, and the geography and economy of the Soviet Union. Also review of grammar. Conducted in Russian. One hour of language laboratory work required.

RUS 41-42 A SURVEY OF RUSSIAN LITERATURE
Offered 1967-68.

RUS 43-44 ADVANCED RUSSIAN COMPOSITION (2, 2) *Mme. Kean*
Creative writing with stress on grammar, structure, and composition.

HIS 61-62 MODERN AND CONTEMPORARY RUSSIAN HISTORY (3, 3)
Mr. Roodkowsky

Conducted in English.
See page 44 for description.

SOCIOLOGY

Requirements for majors: Soc 1-2 and Ec 1-2 in Sophomore year; Soc 31 in Junior year; Soc 33 in Junior or Senior year; a minimum of eight upper-division courses with a grade of C or better selected from this department or from the following courses: Psy 40, 41; Ec 39-40, 44; His 6, a satisfactory thesis in the area of the individual student's choice; passing of three days of written comprehensive examinations.

SOC 1-2 GENERAL SOCIOLOGY (3, 3) *Dr. Nemethy*
The study of society and culture. Introduction to sociological concepts and terminology. Structure and function of groups. Biological inheritance (race). Population problem. Communities. Collective behavior. Mass communication and public opinion, sociology of war and revolution.

SOC 31 SOCIAL THEORY (3) *Mr. Lyons*
A study of the prominent 19th century and contemporary researchers and theorists contributing to the science of sociology. A selected area of research will be analyzed.

SOC 33 STATISTICS (3) *Dr. Nemethy*
Statistical methods used in Sociology. Collection and presentation of data, measures of central value and dispersion. Probability, the normal curve, statistical inference. Regression and correlation of quantitative and qualitative data. Techniques in social research.

SOC 35 HUMAN GEOGRAPHY (3) *Dr. Nemethy*
Consideration of physical geography and climatology; analysis of influence of geography on human social life. Offered in 1967-68.

SOC 37 CRIMINOLOGY AND JUVENILE DELINQUENCY (3) *Mr. Lyons*
Critical examination of various categories of offenses and offenders; evaluation of current theories and research findings in the treatment of offenders. Offered 1967-68.

SOC 39 ANTHROPOLOGY (3) *Dr. Nemethy*
An introduction to a study of primitive man and the origins of civilization, folkways and institutions of primitive people.

SOC 42 ETHNIC GROUPS IN THE UNITED STATES (3) *Mr. Lyons*
Historical and present-day study of multi-social, cultural, ethnic, religious societies in various regions of the United States. Their structure, role, problems and conflicts of personal identity within the American structure.

SOC 43 SOCIOLOGICAL PERSPECTIVES ON EDUCATION AND SOCIAL WELFARE (3)

Mr. Lauffer

Functions of educational and social welfare institutions in our society; particular emphasis on the roles of the teacher and student, worker and client.

SOC 44 COMPLEX ORGANIZATIONS (3)

Mr. Lauffer

Comparative analysis of modern organizations such as schools, corporations, government bureaucracies, hospitals, churches, prisons, armies, from the standpoint of goals, structures, control and leadership, relationship to the social environment, etc.

SOC 45 SEMINAR IN SOCIOLOGY OF THE FAMILY (3)

Mr. Lauffer

A look at the contemporary American family in changing times; its structures and its function. Individual roles, the meaning of love, communication, and conflict.

SOC 47 SOCIOLOGY OF SMALL GROUPS (3)

Mr. Lyons

A study of interaction, role, leadership, communication, attitudes, and social perception in small group behavior. Data collection and experimental research methods are stressed.

SOC 48 SOCIOLOGY OF PEACE AND WAR (3)

Mr. Lyons

Readings and discussion of sociologically relevant variables contributing to an understanding of conflict and cooperation in intergroup relations at the national level.

SOC 49-50 DIRECTED READING (2, 2)

Mr. Lyons

Intensive exploration of selected topics in sociology. Admission upon consent of instructor.

SOC 51 SOCIOLOGY SEMINAR (2)

Mr. Lyons

A study of some of the major problems in the social sciences.

EC 1-2 PRINCIPLES OF ECONOMICS (2, 2)

Dr. Nemethy

See page 34 for description.

EC 44 LABOR ECONOMICS AND PROBLEMS (3)

Dr. Nemethy

See page 35 for description.

EC 39-40 THE FOUR ISMS (3, 3)

Dr. Nemethy

See page 34 for description.

PSY 40 SOCIAL PSYCHOLOGY (3)

Dr. Hoffman

See page 56 for description.

PSY 41 INDUSTRIAL PSYCHOLOGY (3)

Mr. Lyons

See page 56 for description.

PSY 45-46 CLINICAL PROCEDURES (6)

Dr. Hoffman

For description see page 56.

HIS 6 POLITICAL, SOCIAL, ECONOMIC, CULTURAL HISTORY OF THE UNITED STATES 1760-1960 (4)

Dr. McGovern, Mr. Conway

See page 42 for description.

SPANISH

Requirements for majors: Eight upper-division courses completed

with a grade of C or better; a satisfactory Senior Essay; the passing of combined oral and written Comprehensive Examinations.

SP 1-2 ELEMENTARY SPANISH (5, 5) *Sister Mary Reginald*

An introductory course using the oral-aural approach. This course is intended to develop the four skills of languages: speaking, understanding, reading, and writing.

SP 3-4 LOWER INTERMEDIATE SPANISH (5, 5) *Miss Fuster*

Continuation of Elementary Spanish at a more advanced level.

SP 5-6 ADVANCED INTERMEDIATE SPANISH (3, 3) *Sister Mary Reginald*

For the students whose purpose is to acquire a greater competency in reading and translating Spanish.

SP 7-8 SPANISH CONVERSATION (3, 3) *Sister Mary Reginald*

This course aims to develop skill in the spoken aspect of the language. An intensive study of organized vocabulary, idiomatic expressions, and discussions on everyday topics.

SP 9-10 ORAL AND WRITTEN SPANISH (3, 3) *Miss Fuster*

Intensive training in correct expression in both written and spoken language.

SP 31-32 ADVANCED COMPOSITION AND STYLISTICS (3, 3) *Mother Torres*

Introduction to the varied types of literary composition in Spanish: narration, description, literary analysis, etc.

SP 33-34 SURVEY OF SPANISH LITERATURE (3, 3) *Mother Torres*

An historical and critical study of the important literary movements and the most representative authors of Spanish literature from the Middle Ages to the twentieth century. Required of Foreign Language and Spanish majors.

SP 35-36 SPANISH CIVILIZATION (3, 3) *Miss Fuster*

A study of the cultural contributions of Spain to western civilization.

SP 37-38 LATIN AMERICAN CIVILIZATION (3, 3) *Mother Torres*

A general survey of the most characteristic cultural movements of Ibero-america.

SP 39-40 LA COMEDIA DEL SIGLO DE ORO (2, 2) *Dr. DiBenedetto*

An analysis of the major works of Lope de Vega, Tirso de Molina, Alarcon and Calderon de la Barca.

SP 41 SPANISH ROMANTICISM AND REALISM (3) *Miss Fuster*

An analysis of the major writers of the nineteenth century. Offered in 1967-68.

SP 42 THE GENERATION OF THE '98 (3) *Miss Fuster*

A historical study of the novels and poetry of outstanding authors of the twentieth century. Offered in 1967-68.

SP 43-44 THE CONTEMPORARY SPANISH NOVEL (2, 2) *Dr. DiBenedetto*

A study of the principal novels produced in Spain since the Civil War. Offered in 1967-68.

SP 45-46 HISTORIA DE LA LENGUA ESPANOL (2, 2) *Dr. DiBenedetto*

This course will be concerned with the historical evolution and development of the Spanish language, stressing phonetic and grammatical changes during significant periods. Offered in 1967-68.

STUDY OF WESTERN CULTURE

R G 1-2 STUDY OF WESTERN CULTURE I (5 OR 6, 5 OR 6)

The Faculty and Guest Lecturers

A study of the main problems facing the Western man and his attempts to answer them. Political, social and cultural phenomena from antiquity to 1600 A.D. Optional discussion.

R G 3-4 STUDY OF WESTERN CULTURE II (5 OR 6, 5 OR 6)

The Faculty and Guest Lecturers

Political, social and cultural history of the West since 1600 A.D. with special emphasis on the understanding of contemporary modes of thought and expression. Optional discussion.

For a description of the content of Study of Western Culture, see page 19.

R G 5 CONTEMPORARY WESTERN CULTURE (6)

Dr. Gleiman

A tutorial study of some significant aspects of the contemporary culture of the West. Extensive readings and discussions. Offered in the summer of 1966.

TEACHER PREPARATION PROGRAM

The Teacher Education Program is designed to help students who want to teach on the elementary or secondary level to gain as many as 18 semester hours of credit in Education courses as undergraduates. The courses are to be taken as electives and do not constitute a major field.

ED 1-2 PHILOSOPHY OF EDUCATION (2, 2)

Dr. Clarke

A study of seminal problems in education from historical and philosophical perspectives. The course is characterized by depth discussions of a progressive series of readings on a single problem. The readings will be arranged in historical order during the first semester while the second will study the problem from a philosophic point of view.

ED 3 CHILD GROWTH AND DEVELOPMENT (2)

Dr. Wysocki

A study of the various stages of development through which the child passes from pre-natal through adolescent in order to obtain knowledge of human behavior and the psychological reasons for the way the child reacts to a given situation.

ED 4 EDUCATIONAL PSYCHOLOGY (2)

Dr. Wysocki

A study of the psychological and physiological factors which affect the learning process and application of these principles to educational practice.

ED 5-6 THE ELEMENTARY SCHOOL: CURRICULUM, MATERIALS, METHODS (3, 3)

Dr. Linehan, Dr. FitzPatrick, and others

An introduction to the modern elementary school emphasizing the development of the elementary school curriculum and the methods of teaching art, language arts, music, social studies, science and arithmetic in the elementary grades.

ED 7 TESTS AND MEASUREMENTS (2)

Mr. Horrigan

An introduction to the nature and use of standardized and teacher made tests and to the statistical procedures useful to the classroom teacher.

ED 8 PRINCIPLES OF GUIDANCE (2)

Mr. Horrigan

An introduction to the principles and practices of guidance and counseling in the modern school.

ED 9-10 THEORIES AND CONCEPTS OF MODERN MATHEMATICS (2, 2)

Mother McDonnell

Application of theories and concepts to elementary and secondary school teaching.

The program for those preparing to teach on the secondary level is the same as for elementary except that the following course should be taken instead of Ed 5-6.

ED 13-14 PRINCIPLES AND METHODS OF SECONDARY EDUCATION (2, 2)

Dr. Clarke, Mr. Horrigan

Educational problems will be studied and discussed in depth with a special focus on their relation to the secondary school in America. During the first semester the problems will be studied largely from the historical or survey point of view; while the second semester will attempt to translate these problems in terms of current thinking in the methods and theories of instruction at the secondary level.

THEOLOGY*

TH 1-2 SACRED SCRIPTURE (2, 2)

Miss Sander

First semester: Introduction to the study of the Old Testament including literary, religious and historical development of Israel and her traditions up to the Intertestamental Period. Second semester: Introduction to the study of the New Testament including literary, religious and historical development of early Christianity with particular attention to the climates of thought within which it emerged and spread. Two lectures a week and weekly discussion sections to be led by the following: Mr. Carnahan, Mr. Kline, Mr. Moe, and Miss Sander.

TH 3A-4A SUMMA THEOLOGICA, I, Q. 1-119 (2, 3)

Mother Husson

The Reality of God. God knowing and known; God loving and loved.

TH 3B-4B SUMMA THEOLOGICA, I, Q. 1-119 (2, 3)

Mother Santen

A theological study of the nature and existence of God, of His principal creatures, angels and men, and their response to His providence and government. Problems in the present historical situation related to God's self disclosure in Christ.

TH 5A-5B-5C SUMMA THEOLOGICA, I, II, Q. 109-114; II, II, Q. 1-189 (3)

Mr. Maguire, Mr. Pierce, Mother Santen

Grace studied especially in the writings of St. Paul; its function in spiritual development. Faith, hope and charity in their relation to the Christian message. The moral virtues of the Christian life.

*Theology courses numbered 1 and 2 are to be taken by Freshmen; 3 and 4 by Sophomores; 5 and 6 by Juniors; 7 and 8 by Seniors.

TH 6A SUMMA THEOLOGICA, III, Q. 1-59 (3)

Mr. Finney

Christology. Christ, His person and work. Old Testament anticipations, Jesus of Nazareth, Christological definitions of the early councils, Jesus in the life of the later Church.

TH 6B-6C SUMMA THEOLOGICA, III, Q. 1-59 (3)

Mr. Maguire, Mother Santen

The preparation and the revelation of the mystery of Christ in the Old and New Testaments respectively. The theology of the mystery of Christ from the early Greek and Latin Fathers to contemporary Catholic and Protestant theologians.

TH 7A ECCLESIOLOGY (3)

Mr. Finney

The history of the church's self understanding from the period of ancient Christianity to the present.

TH 7B THE CHURCH (3)

Mr. Maguire

The concept of salvation history and the Church's place in it. The Church considered as an external, visible and legally structured community of believers, and also as men's inner faith and union with Christ by grace. Special study of *The Constitution on the Church* of the Second Vatican Council.

TH 8A-8B SUMMA THEOLOGICA, III, Q. 60-90 (3)

Mr. Maguire, Mr. Pierce

The sacraments as acts of Christ in the world today. Study of each sacrament in its symbolism and effects.

TH 21-22 ADVANCED STUDY IN SACRED SCRIPTURE (3, 3)

Miss Sander

First semester: Introduction to Intertestamental Literature including a study of canonical and extra-canonical writings (including the sectarian documents from Qumran) and their influence on the thought and expectations of early Christianity. Second semester: Advanced study in the New Testament including a concentrated study of a book or unit of related books (as, for example: the Synoptic Gospels, the Pauline Epistles, and the Catholic Epistles) with emphasis on both historical background and theological significance. Two lectures a week and individual guided reading conferences. Pre-requisite: Th 1-2 and permission of the instructor.

Expenses

Tuition, room, board for the year*	\$2300.00
Tuition, luncheon for day student*	1200.00
Tuition for part-time students per semester hour	30.00
Application Fee	10.00

This fee is payable when application is made for admission, and is not refunded. It must be paid by all, including those who receive financial aid.

Reservation Deposit:

Day Students	50.00
Resident Students	100.00

This deposit is not refundable.

Special Fees:

Late Registration or Change of Schedule	10.00
Late Reservation	5.00
Semester Examination taken other than at scheduled hour	5.00
Science Laboratory Breakage Deposit	15.00
Library Deposit	5.00
Car Owner's Permit	25.00
Board during vacation periods, per week	35.00
Health Insurance (optional)	35.00

The Science Laboratory Breakage Deposit and the Library Deposits are refundable.

Students are expected to take out the accident and illness insurance made available through the college.

Special Fees must be paid by all, including those who receive financial aid.

A student requiring a special diet will take her meals in the Infirmary. For this there will be a special charge.

The fees payable to the college are subject to change at any time at the discretion of the Administration of the college.

DATES OF PAYMENTS—REFUNDS

Bills are rendered annually and are payable in scheduled amounts on September 10 and January 15. Any student whose bill is not paid on September 24 (or January 28) may not remain on campus.

*Beginning September, 1967, tuition will be increased by \$300.

No deduction or refund is made for delays in entering or returning at the beginning of the term, or for absence after entering, or for withdrawal.

SCHOLARSHIPS

THE ADMINISTRATION SCHOLARSHIPS

The Administration of Newton College of the Sacred Heart gives scholarships carrying financial aid ranging in value from \$800 to \$4000 for four years.

THE DUCHESNE SCHOLARSHIP

The Duchesne Teachers' Guild maintains a fund to be used for scholarship aid to day students.

THE JANET STUART SCHOLARSHIP

The Janet Stuart Guild offers scholars' aid of \$1200 yearly.

THE MASSACHUSETTS CATHOLIC WOMAN'S GUILD SCHOLARSHIP

The Massachusetts Catholic Woman's Guild offers a scholarship of \$230 a year to be open to a day student, the daughter or sister of a member of the Guild. If no such applicant qualifies academically it may be assigned to any qualified candidate for a scholarship.

THE MICHAEL E. SWEENEY SCHOLARSHIP

The scholars' aid offered by Mr. and Mrs. Michael E. Sweeney is awarded yearly to a day student.

THE NEWTON COLLEGE ALUMNAE SCHOLARSHIP

The Alumnae Association of Newton College of the Sacred Heart has offered partial scholars' aid of \$700, which is awarded yearly.

THE JOHN R. GILMAN SCHOLARSHIP FUND

In memory of John R. Gilman, formerly a member of the Advisory Board of Newton College of the Sacred Heart, a scholarship fund has been established by the Gilman family.

THE GAEL COAKLEY MEMORIAL SCHOLARSHIP FUND

In memory of her husband, Gael Coakley, Dorothy McLoughlin Coakley, an Alumna of the Convents of the Sacred Heart, Rochester and Manhattanville, has inaugurated an endowment fund known as The Gael Coakley Memorial Scholarship Fund. The first donations have been given in the names of Gael Coakley, Jr., Barbara Coakley Lennon, and Mary Hayes Coakley.

THE MAUREEN M. CRONIN MEMORIAL SCHOLARSHIP FUND

In memory of Maureen M. Cronin of the Class of 1952, her parents, her friends and associates at the Lincoln Laboratory, Massachusetts Institute of Technology, have established a student loan fund.

THE BARBARA L. BURNS MEMORIAL SCHOLARSHIP FUND

Mr. and Mrs. Charles C. Burns, their friends, and members of the student body of 1963-1964 of Newton College of the Sacred Heart have established a scholarship fund in memory of Barbara L. Burns of the Class of 1964 who died in her Junior year. It is the desire of her parents in establishing this fund that other girls be given the opportunity to receive the benefits of the education that they had planned for their daughter, Barbara.

CORNELIUS C. MOORE SCHOLARSHIP

This scholarship has been established by Cornelius C. Moore in memory of the departed members of his family: his parents, John J. and Katharine M. Moore; his sister, Mollie K. Moore, and his brothers, William G. and John J. Moore, Jr.

THE MARY CORBETT CAVANAUGH SCHOLARSHIP FUND

The legacy of Mary Corbett Cavanaugh of the Class of 1958 to the College and the gifts given in her memory by members of her class have been used to establish a day student scholarship fund as a memorial to her.

SCHOLARSHIP PROGRAM

The Administration of Newton College of the Sacred Heart offers the following forms of scholarship assistance:

1. Each year, a competitive residence and tuition scholarship up to \$4000.00 in value over four years, in honor of Mother Eleanor S. Kenny, the first President of the College, to the highest ranking scholarship applicant from Convents of the Sacred Heart of the Washington Vicariate.

Each year, a competitive residence and tuition scholarship up to \$4000.00 in value over four years, in honor of Reverend Mother Bodkin, to the highest ranking scholarship applicant from Convents of the Sacred Heart outside the Washington Vicariate.

A limited number of competitive scholarships to High School Seniors who would have to be resident students at Newton College of the

Sacred Heart and who need financial assistance. Application for these scholarships must be filed before February 1.

2. Non-competitive scholarships for day-student applicants who meet the entrance requirements of the college and who need financial assistance. Application for scholarship aid must be filed at the time application for admission is made, not later than February 1.
3. Non-competitive scholarships up to \$3000.00 in value over three years, to resident students who need financial assistance and who have demonstrated scholastic ability during their Freshman year at Newton College of the Sacred Heart. Application for these scholarships must be filed by March 15 of the Freshman year.

In every case, financial need is determined from the Parents' Confidential Statement submitted to the College Scholarship Service, Princeton, New Jersey.

LOAN PROGRAM

The college cooperates with the United Student Aid Funds, Inc., to make loans available to students. Information and application forms may be obtained by writing to: Committee on Financial Aid

Newton College of the Sacred Heart
Newton, Massachusetts 02159

The college does not participate in the NDEA Loan Program.

STUDENT EMPLOYMENT AND PLACEMENT OFFICE

Newton College offers a student employment program by which a student who needs financial aid can receive some assistance by working for the College. No student is allowed to work more than eight hours a week while College is in session. Correspondence regarding this part-time work should be addressed to the Director of the Placement Office. Applications for student employment must be in the Placement Office by June 1st.

The Placement Office also offers assistance to Seniors and Alumnae in planning for and obtaining positions. Seniors are encouraged to register with the Placement Office. Complete credentials of registrants, including confidential recommendations from Faculty members and past employers, will remain permanently on file and will be forwarded to prospective employers or educational institutions upon request.

ALUMNAE ASSOCIATION OF NEWTON COLLEGE OF THE SACRED HEART

OFFICERS

MISS NANCY M. BOWDRING, *President*
4 Warner Street, West Somerville, Massachusetts

MRS. DENIS J. RILEY, *Vice-President*
25 Otis Street, Norwich, Connecticut

MRS. BERNARD J. DWYER, *Secretary*
505 Veterans of Foreign Wars Parkway
Brookline, Massachusetts 02146

MISS PATRICIA LEARY, *Treasurer*
480 Brook Road, Milton, Massachusetts

MEMBERS OF THE BOARD

MRS. HENRY BARRY, JR., *President*, Boston Club
183 Lowell Road, Wellesley, Massachusetts

MISS KATHLEEN O'RILEY, *President*, Chicago Club
7357 North Damen, Chicago, Illinois

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218 McKinley, Grosse Pointe Farms, Michigan

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172 Sackville Road, Garden City, New York

MRS. HENRY OZGA, *President*, Washington Club
5411 39th Street, N.W., Washington, D.C.

MRS. RICHARD R. McCONNELL
5483 Glen Harbor Drive, Kalamazoo, Michigan

MISS MARY LORETTO DILLON
15-35 North Bonnie Brae, #4, River Forest, Illinois

MRS. ARTHUR R. FALVEY, JR.
5 Wingate Road, Wellesley, Massachusetts

MRS. WALTER D. FLANAGAN
60 Astoria Avenue, Bridgeport, Connecticut

MRS. W. F. ATLEE HARVEY

311 Thornbrook Road, Rosemont, Pennsylvania

MRS. KEVIN M. HEALY

175 Coggeshoal Avenue, Newport, Rhode Island 02840

MISS JULIA LAMY

9530 Ladue Road, St. Louis, Missouri

MRS. ROBERT N. SHEEHY

R.D. #1 Millstone Road, Somerville, New Jersey

MRS. JOSEPH L. WIECZYNSKI

1177 Chainbridge Road, McLean, Virginia 22101

GIFTS AND BEQUESTS

Newton College is one of the youngest members of the group of schools which have made New England an educational center of the country. Its needs are many. Therefore, its Trustees will welcome gifts, bequests, or awards which may be dedicated to general educational needs, or to the endowment of professorships, scholarships or fellowships in accordance with the wishes of the donor. Such funds could constitute memorials to the donor or to any person whom he may name. These benefactions may take the form of:

UNRESTRICTED GIFT

I give and bequeath to Newton College of the Sacred Heart, a religious educational corporation in Newton, Massachusetts, the sum of \$ _____ to be used for the benefit of Newton College of the Sacred Heart in such manner as the Trustees thereof may direct.

OR GIFT FOR BOOKS

I give, devise and bequest to Newton College of the Sacred Heart, a religious educational corporation in Newton, Massachusetts, the sum of \$ _____ (or property herein described) to be known as the _____ Book Fund, and the income therefrom shall be used for the purchase of books for the library of said College (or other needed items in the operation of the College).

OR RESIDUARY GIFT

All the rest, residue and remainder of my real and personal estate, I devise and bequeath to Newton College of the Sacred Heart, a religious educational corporation in Newton, Massachusetts, to be used for the benefit of Newton College of the Sacred Heart in such manner as the Trustees thereof may direct.

OR ENDOWMENT FUND

I give and bequeath to Newton College of the Sacred Heart, a religious educational corporation in Newton, Massachusetts, \$ _____ to constitute an endowment fund to be known as the _____ Fund, such fund to be invested by the Trustees of Newton College of the Sacred Heart and the annual income thereof to be used for the benefit of Newton College of the Sacred Heart in such manner as the Trustees may direct or to be used for the following purposes:

NOTE: The above forms are offered as a suggestion only and should be rewritten or adapted by legal counsel to each specific case.

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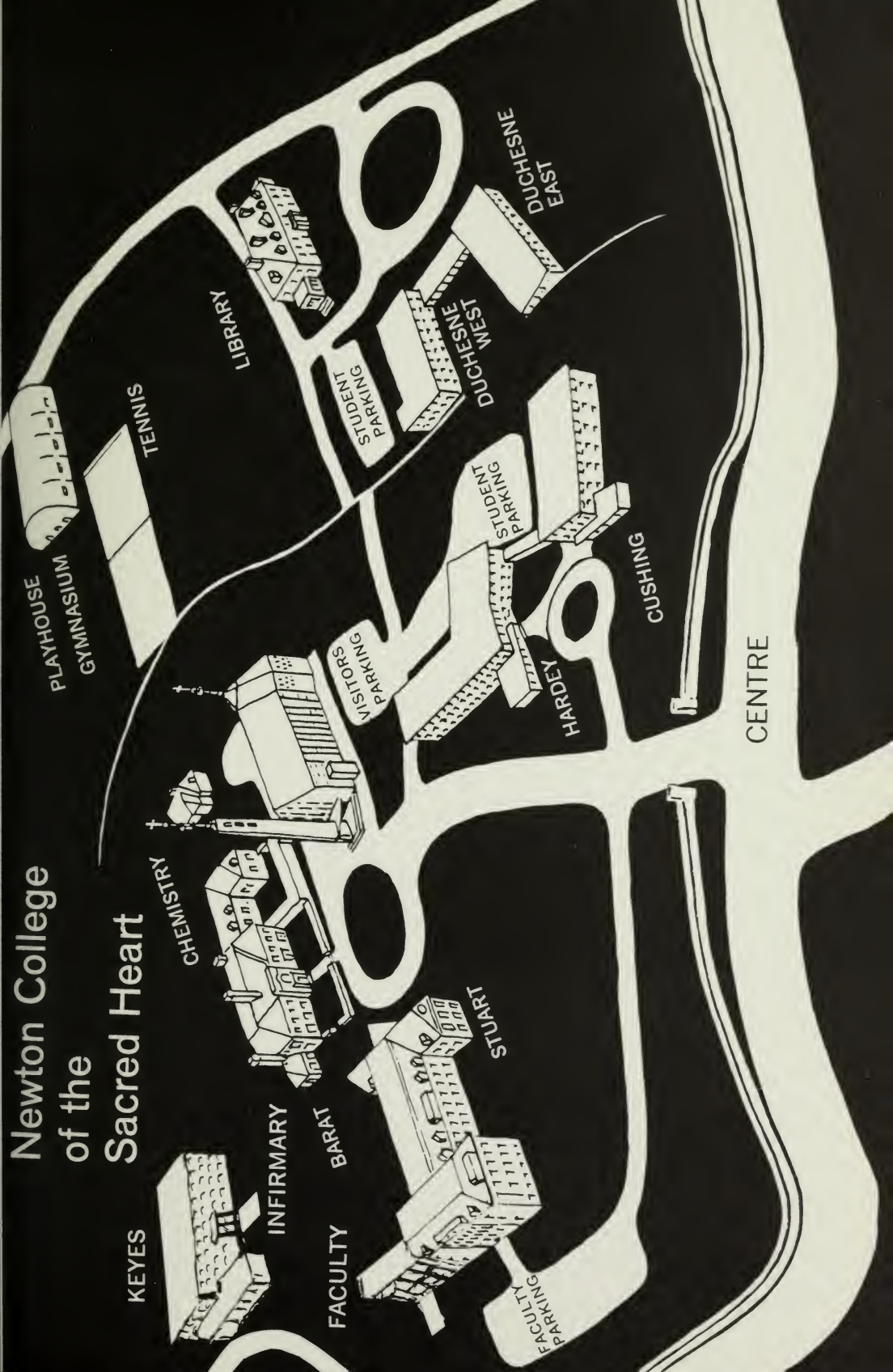
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Newton College of the Sacred Heart



KEYES

INFIRMARY

BARAT

FACULTY

STUART

FACULTY
PARKING

CHEMISTRY

VISITORS
PARKING

STUDENT
PARKING

HARDEY

CUSHING

CENTRE

LIBRARY

STUDENT
PARKING

WEST
DUCHESNE

DUCHESNE
TSAE

TENNIS

PLAYHOUSE
GYMNASIUM

